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**DIRECTORY OF SOURCES OF SUPPLY OF PHARMACEUTICAL CHEMICALS,
INTERMEDIATES, SOME RAW MATERIALS AND BIOLOGICALS -
BASED ON WHO MODEL LIST OF ESSENTIAL DRUGS***

Prepared by
the UNIDO Secretariat

6/10

* This document has not been edited.

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FOREWORD

The Lima Declaration and Plan of Action, adopted at the Second General Conference of UNIDO in March 1975, called for an increase in the share of developing countries to at least 25 per cent of world total industrial production by the year 2000 and to help achieve this goal, recommended that UNIDO should establish a system of continuing consultations between developed and developing countries. This recommendation was endorsed by the United Nations General Assembly at its VII Special Session in September the same year. A system of industrial consultations was consequently designed and launched by UNIDO in January 1977 aiming at developing a new dimension in international co-operation in the field of industry.

The pharmaceutical industry, being an essential component of health delivery programme, exerts profound influence over the effectiveness of policies to protect health and promote economic and social development. It was included in the priority sectors of industry for consultation. Preparatory work for the First Consultation on the Pharmaceutical Industry was started during the first meeting of the Panel of Experts in Vienna in July 1977. During the preparatory stage, the System of Consultations identified major problems affecting the development of a viable pharmaceutical industry and the technical assistance programmes of UNIDO in the developing countries. It was required that the implementation of such programmes cannot proceed without understanding, collaboration and action at the international level.

Availability and pricing of essential bulk drugs (pharmaceutical chemicals) and their intermediates was one of the issues discussed during the First Consultation held in Lisbon, Portugal, in December 1980. Wide disparity in the prices of bulk drugs (pharmaceutical chemicals) needed for the manufacture of pharmaceutical dosage forms, high prices of intermediates required for production of pharmaceutical chemicals and problems in acquiring the relevant technologies were considered major constraints to the development of the pharmaceutical industry in developing countries. Such a situation obviously has a direct impact on the production cost of pharmaceutical dosage forms and has affected the provision of pharmaceuticals at reasonable prices in the developing countries adversely.

Acknowledging the importance of this issue, the First Consultation on the Pharmaceutical Industry recommended the establishment of a Committee of Experts from developing and developed countries and also including representatives of the manufacturers of pharmaceutical chemicals and those intermediates available from limited sources of supply. The Committee was to discuss the technical and economic aspects of availability and to recommend ways and means to overcome these problems.

The Committee of Experts, during a meeting in October 1982, deliberated on the complexity of the issue and analysed the problem of disparity and high prices deterring development of the pharmaceutical industry in developing countries in general and least developed countries in particular, where even the dosage form manufacture is either in early stages of development or yet to be developed. In order to circumvent these problems, the Committee endorsed the compilation of a Directory of Sources of Supply to assist the formulation industry in attaining economic viability on the one hand and production of pharmaceutical chemicals and intermediates through transfer of technology to developing countries on the other.

As a follow-up action, a Directory covering 26 selected pharmaceutical chemicals (essential bulk drugs) and their intermediates was compiled by UNIDO and presented to the Second Consultation on the Pharmaceutical Industry held in Budapest, Hungary, in 1983. The Directory, which provided broader information with regard to global sources of supply lending strength and healthy competition in the negotiation capability through international bidding, was recognized by the Second Consultation as a useful guide in overcoming the prevailing problems and recommended its revision, wide distribution amongst developing countries, periodic updating and progressive expansion to cover the full WHO Model List of Essential Drugs (Pharmaceutical Chemicals).

This edition of the Directory has been expanded. The large number of responses from suppliers/purchasers reaffirms the interest of all concerned in the exercise assigned to UNIDO.

UNIDO believes that the Directory will be a valuable reference guide for all purchasers of pharmaceutical chemicals (bulk drugs) and their intermediates in bringing transparency for negotiating deals and enlarging trade collaboration leading to competitive buying and economic production ultimately resulting in improved drug delivery and health programmes. It is hoped that the Directory will find wide usefulness by the concerned authorities and professionals both in developing as well as developed countries and also by international organizations.

The users' response to the positive contribution of the Directory towards their procurement programme, bargaining capabilities and ultimate favourable impact on their production costs will be an acknowledgement to the members of the Committee of Experts and will serve as a support for UNIDO in their work on the subject.

UNIDO wishes to acknowledge with thanks the co-operation afforded by manufacturers/suppliers of pharmaceutical chemicals and their intermediates and the national and international pharmaceutical associations which enabled it to accomplish the task of compilation of this Directory.

INTRODUCTION

The First Consultation on the Pharmaceutical Industry held in Lisbon, Portugal, in December 1980, discussed the issue of pricing and availability of bulk drugs (pharmaceutical chemicals) and their intermediates and recommended with consensus the compilation of a Directory of Sources of Supply for Pharmaceutical Chemicals and their Intermediates.

The Second Consultation on the Pharmaceutical Industry, held in Budapest, Hungary, in November 1983, recommended its revision and wider distribution to interested countries, and thereafter its annual updating and progressive enlargement to cover the full WHO Model List of Essential Drugs (pharmaceutical chemicals). This edition of the Directory covers the second phase of expansion work and includes information on over 250 pharmaceutical chemicals and their intermediates and some biological products. For selection of additional pharmaceutical chemicals (essential bulk drugs), efforts were made to follow the criteria based on medical, market and technology practices. In the case of intermediates, it may be mentioned that, though for certain pharmaceutical chemicals their route for synthesis varies from one manufacturer to the other, one specific route was selected for listing purposes.

Although many directories of chemical producers are available, it is believed that this work represents the first attempt to compile a directory identifying the sources of supply from both developed and developing countries. As such, it will help to improve accessibility to suppliers and increase competition. The information contained in this Directory was collected through direct contact with manufacturers/suppliers in various countries, national and international federations of pharmaceutical manufacturer associations, as well as from other published sources.

Although care has been taken to ensure that the information is accurate, complete and up-to-date as on 31 July 1989, UNIDO cannot ensure that all sources of supply have been included and information remains up-to-date. Each enlisted producer is considered as continuing producer of the product enlisted, under the given mailing and telex addresses.

The Directory has been divided into three sections to facilitate information retrieval. In Section I, a comprehensive list of sources of supply of each of the selected pharmaceutical chemicals conforming to specifications laid down in recognized compendia has been compiled. A distinction has been made between "a source of supply" which includes international trading houses, brokers and sales agents, i.e. "a supplier", and a manufacturer/supplier of the product. The former has been marked by an asterisk (*), while the latter has been marked by two asterisks (**). Where no indication is shown, no specific information as to the status was available from the source. In Section II, a comprehensive list of sources of supply of the major raw materials and intermediates required for the manufacture of the pharmaceutical chemicals covered in the Directory is provided. Emphasis has been placed on basic and important intermediates. As far as possible, other chemicals and solvents which are commonly available and widely used have NOT been included. While in Sections I and II only the names of manufacturers/suppliers and the countries of origin have been indicated, in Section III the full address, telephone, telefax and telex numbers of each manufacturer/supplier is provided in alphabetical order and as accurately as available at the time of printing of the Directory.

Information related to WHO's Market Intelligence System for Pharmaceutical Raw Materials (MIS) and on UNICEF's Procurement and Assembly Centre has been included in the Directory.

In order to improve its quality, the Directory will be updated and progressively enlarged. A questionnaire has been appended to this document for the convenience of the users to make suggestions. It is also requested that manufacturers/suppliers not included in this document may extend their co-operation in making it more comprehensive by furnishing their particulars.

MARKET INTELLIGENCE SYSTEM FOR PHARMACEUTICAL RAW MATERIALS (MIS)

The Action Programme on Essential Drugs of the World Health Organization, in accordance with the recommendations of the World Health Assembly, has developed a price information system for pharmaceutical chemicals/raw materials called the Market Intelligence System (MIS). About 250 purchasers and suppliers of pharmaceutical raw materials have indicated a desire to participate in the system. The MIS serves as a clearinghouse for information on the pharmaceutical raw materials market. It currently covers some 50 substances, recording the f.o.b. prices paid by purchasers of these raw materials, together with the quantities involved in the transactions, and also recording the prices offered by suppliers for those materials. The price information is then issued to MIS participants. The identity of MIS participants remains confidential by means of coded terminology, although limited information on sources of supply is made available upon special request.

For further information on the Market Intelligence System, enquiries may be referred to:

World Health Organization
DAP - Market Intelligence System
20, Avenue Appia
CH-1211 Geneva 27
Switzerland

Telephone: 791 35 11, 791 35 16
Telefax: 791 07 46
Telex: 415 416
Cable: UNISANTE GENEVA

UNICEF PROCUREMENT AND ASSEMBLY CENTRE (UNIPAC)

UNIPAC assists on specific request in the procurement of pharmaceutical chemicals and their intermediates. For further information enquiries may be referred to:

UNIPAC
UNICEF Pkads
Freeport
DK-2100 Copenhagen
DENMARK
Telephone: (3126) 2444
Telefax: (3126) 9421
Telex: 19813
Cable: UNICEF Copenhagen

SECTION I: MANUFACTURERS/SUPPLIERS OF PHARMACEUTICAL CHEMICALS/BIOLOGICALS

ACETAZOLAMIDE

- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Indian Drugs & Pharmaceuticals Ltd. India
- **Industria Chimica Profarmaco S.p.A., Italy
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- **Pliva (Pharmaceutical, Chemical, Food and Cosmetic Industry), Yugoslavia
- *Progressive Associates Ltd., Pakistan
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

ACETYSALICYLIC ACID

- **Alta Laboratories Private Ltd., India
- **The Andhra Sugars Ltd., India
- *Avrachim AG, Switzerland
- **Bayer AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- Biogal Pharmaceutical Works, Hungary
- *Dott. Bonapace & C. S.p.A., Italy
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Aubing GmbH., F.R. Germany
- **China National Corporation of Pharmaceutical Industry, P.R. China
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *D&O Chemicals Inc., USA
- **Daicel Chemical Industries Ltd., Japan
- *Dangschat GmbH., F.R. Germany
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom

ACETYSALICYLIC ACID (cont'd)

- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Industria Quimica Andina y Cia. S.A., Colombia
- *Lars Christensen Chemicals ApS, Denmark
- *Marsing & Co. Ltd. A/S, Denmark
- *E. Merck, F.R. Germany
- **Merrell Dow Pharmaceuticals AG, Switzerland
- **Monsanto Company, USA
- **Monsanto Europe S.A., Belgium
- **Rhône-Poulenc Santé, France
- **Salicilatos de Mexico, S.A., Mexico
- **G.D. Searle & Co., USA
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Sudamfos S.A., Argentina
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

ALBUMIN, HUMAN

- **Andard-Mount Co. Ltd., United Kingdom
- **Behringwerke AG, F.R. Germany
- *Chemapol Ltd., CSSR
- **Commonwealth Serum Labs., Australia
- **Curewel (India) Ltd., India
- **Hoechst AG, F.R. Germany
- Human Institute for Serobacteriological Production and Research, Hungary
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- The National Bacteriological Laboratory, Sweden
- **Nordisk Gentofte A/S, Denmark
- **Rhône-Poulenc Santé, France

ALLOPURINOL

- *Abic Ltd., Israel
- *Acic Ltd., Canada
- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- **Fabbrica Italiana Sintetici (F.I.S.) S.p.A., Italy
- *Global Chemical Co. Inc., USA

ALLOPURINOL (cont'd)

- "Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- "Helm AG, F.R. Germany
- "Hüls America Inc., USA
- "Hüls Troisdorf AG, F.R. Germany
- "K&K-Greeff Limited, United Kingdom
- "Lonza Ltd., Switzerland
- "Marsing & Co. Ltd. A/S, Denmark
- "Medimpex, Hungary
- "Orgamol Ltd., Switzerland
- "Orphahell B.V., The Netherlands
- "Progressive Associates Ltd., Pakistan
- "Rhône-Poulenc Santé, France
- "Selectchemie AG, Switzerland
- "Siegfried Chemie AG Ltd., Switzerland
- "Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- "S.S.T. Corporation, USA
- "Technochem Inc., USA
- "Teikoku Chemical Industries Co. Ltd.,
Japan
- "Teva Pharmaceutical Industries Ltd.,
Israel
- "Trans-Medica Ges.m.b.H., F.R. Germany
- "Welding GmbH & Co., F.R. Germany
- "The Wellcome Foundation Ltd.,
United Kingdom

ALUMINIUM DIACETATE

- "Browning Chemical Corporation, USA
- "Dolder Ltd., Switzerland

ALUMINIUM HYDROXIDE

- "Biochemie Ges.m.b.H., Austria
- "Dolder Ltd., Switzerland
- "Industria Química Andina y Cia. S.A.,
Colombia
- "K&K-Greeff Limited, United Kingdom
- "Dr. Paul Lohmann GmbH. KG
- "E. Merck, F.R. Germany
- "Progressive Associates Ltd., Pakistan
- "Roussel Corporation, USA
- "Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- "Technochem Inc., USA
- "Trans-Medica Ges.m.b.H., F.R. Germany

AMILORIDE HYDROCHLORIDE

- "Avrachim AG, Switzerland
- Biindustria Farmaceutici S.p.A., Italy
- "Dott. Bonapace & C. S.p.A., Italy
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- "Dolder Ltd., Switzerland

AMILORIDE HYDROCHLORIDE (cont'd)

- "Huhtamäki Oy Leiras, Finland
- "Hüls Troisdorf AG, F.R. Germany
- "Industria Chimica Profarmaco S.p.A.,
Italy
- "K&K-Greeff Limited, United Kingdom
- "Lonza Ltd., Switzerland
- "Siegfried Chemie AG Ltd., Switzerland
- "Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- "Società Italiana Medicinali Scandicci
(S.I.M.S.), Italy
- "S.S.T. Corporation, USA
- "Trans-Medica Ges.m.b.H., F.R. Germany
- "Welding GmbH & Co., F.R. Germany

AMINOPHYLLINE

- "BASF AG, F.R. Germany
- "Boehringer Ingelheim KG, F.R. Germany
- "Browning Chemical Corporation, USA
- "Commonwealth Serum Labs., Australia
- "Dolder Ltd., Switzerland
- "Global Chemical Co. Inc., USA
- "Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- "Helm AG, F.R. Germany
- "ICC Handels GmbH., F.R. Germany
- "K&K-Greeff Limited, United Kingdom
- "Knoll AG, F.R. Germany
- "Knoll Pharmaceuticals Fine Chemicals, USA
- "Marsing & Co. Ltd. A/S, Denmark
- "Medexport, USSR
- "Napp Chemicals Inc., USA
- "Pharmachim, Bulgaria
- "Progressive Associates Ltd., Pakistan
- "Seven Star Pharmaceutical Co., Ltd.,
Taiwan
- "Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- "S.S.T. Corporation, USA
- "Technochem Inc., USA
- "Trans-Medica Ges.m.b.H., F.R. Germany

AMITRIPTYLINE HYDROCHLORIDE

- "Acic Ltd., Canada
- "Avrachim AG, Switzerland
- "Becpharm Limited, United Kingdom
- "Dott. Bonapace & C. S.p.A., Italy
- "Chemapol Ltd., CSSR
- "Chemische Fabrik Schweizerhall (CFS),
Switzerland
- "CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- "Dolder Ltd., Switzerland
- "Egis Pharmaceuticals, Hungary
- "Ferro Metal and Chemical Corp. Ltd.,
United Kingdom

AMITRIPTYLINE HYDROCHLORIDE (cont'd)

- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Hoffmann-La Roche, Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Orphahell B.V., The Netherlands
- *Progressive Associates Ltd., Pakistan
- *Selectchemie AG, Switzerland
- **Siegfried Chemie AG Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- **Teva Pharmaceutical Industries Ltd.,
Israel
- *Trans-Medica Ges.m.b.H., F.R. Germany

AMPHOTERICIN B

- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- *Dolder Ltd., Switzerland
- **Squibb S.p.A., Italy
Squibb Technical Operations, USA
- **Synbiotics Ltd., India
- *Technochem Inc., USA

AMPICILLIN SODIUM

- **Andeno B.V., The Netherlands
- **Antibiotici Cristallizzati Sterili
(A.C.S.) S.p.A., Italy
- **Antibioticos S.A., Spain
- **BASF AG, F.R. Germany
- **Bayer AG, F.R. Germany
- **Beecham Pharmaceuticals International
Division, United Kingdom
- **Biochemie Ges.m.b.H., Austria
Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chong Kun Dang Corporation,
Rep. of Korea
- **CIBRAN, Brazil
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Commonwealth Serum Labs., Australia
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **Fako Ilıçları A.S., Turkey
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- **Flamma S.p.A., Italy
- *Flavine International Inc., USA

AMPICILLIN SODIUM (cont'd)

- **Indústrias Farmacêuticas Fontoura-
Wyeth S.A., Brazil
- **Gema-Liesa, Spain
- **Gist-brocades, Netherlands
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Hüls Troisdorf AG, F.R. Germany
- **I.S.F. S.p.A., Italy
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex Italia S.r.l., Italy
- **Meiji Seika Kaisha, Ltd., Japan
- **Mustafa Nevzat Ilıç Sanayii A.S.,
Turkey
- **Pharmachim, Bulgaria
- **Priti Organics Private Ltd., India
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Squibb S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany

AMPICILLIN TRIHYDRATE

- **Andeno B.V., The Netherlands
- **Antibiotici Cristallizzati Sterili
(A.C.S.) S.p.A., Italy
- **Antibioticos S.A., Spain
- *Avrachim AG, Switzerland
- *Bago Laboratories, Argentina
- **BASF AG, F.R. Germany
- **Bayer AG, F.R. Germany
- **Beecham Pharmaceuticals International
Division, United Kingdom
- **Biochemie Ges.m.b.H., Austria
Dott. Bonapace & C. S.p.A., Italy
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chong Kun Dang Corporation,
Rep. of Korea
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Commonwealth Serum Labs., Australia
- **Deva Holding A.S., Turkey
Duphar-Interfran Ltd., India
- **Fako Ilıçları A.S., Turkey

AMPICILLIN TRIHYDRATE (cont'd)

- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- **Flamma S.p.A., Italy
- *Flavine International Inc., USA
- **Gema-Liesa, Spain
- **Gist-brocades, Netherlands
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hüls Troisdorf AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *K&K-Greeff Limited, United Kingdom
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medichem S.A., Spain
- *Medimex Italia S.r.l., Italy
- **Meiji Seika Kaisha, Ltd., Japan
- **Mustafa Nevzat Ilag Sanayii A.S.,
Turkey
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- **Pliva (Pharmaceutical, Chemical, Food
and Cosmetic Industry), Yugoslavia
- *Progressive Associates Ltd., Pakistan
- **Ranbaxy Laboratories Ltd., India
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Sintesis Quimica S.A., Peru
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

ANTIRABIES SERUM, HYPERIMMUNE

- **Behringwerke AG, F.R. Germany
- **Central Research Institute, India
- *Chemapol Ltd., CSSR
- *Commonwealth Serum Labs., Australia
- **Hoechst AG, F.R. Germany
- **Institut Mérieux, France
- *Medexport, USSR
- *The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
Perum Bio Farma (Pasteur Institute),
India
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- **Swiss Serum and Vaccine Institute,
Switzerland

ANTISCORPION SERUM

- **Institute of Immunology, Yugoslavia
- *The National Bacteriological Laboratory,
Sweden
- **Quimsi, S.A. de C.V., Mexico

ANTIVENOM SERUM

- **Behringwerke AG, F.R. Germany
- **Central Research Institute, India
- **Commonwealth Serum Labs., Australia
- **Hoechst AG, F.R. Germany
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- *The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
Perum Bio Farma (Pasteur Institute),
India
- **Swiss Serum and Vaccine Institute,
Switzerland

ASCORBIC ACID

- *American Roland Corporation, USA
- *Avrachem AG, Switzerland
- **BASF AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- **Biologicals Production Service,
Philippines
- *Browning Chemical Corporation, USA
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Hoechst AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- *ICC Handels GmbH., F.R. Germany
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
- **Pliva (Pharmaceutical, Chemical, Food
and Cosmetic Industry), Yugoslavia
- *Progressive Associates Ltd., Pakistan
- *Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA

ASCORBIC ACID (cont'd)

- **Takeda Chemical Industries Ltd., Japan
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

ATROPINE SULFATE

- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- *Macfarlan Smith Limited, United Kingdom
- *Medexport, USSR
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

AZATHIOPRINE

- **Becpharm Limited, United Kingdom
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- **Fermion, Orion Corporation Ltd., Finland
- **HÜls Troisdorf AG, F.R. Germany
- **Lonza Ltd., Switzerland
- **Medichem S.A., Spain
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **The Wellcome Foundation Ltd., United Kingdom

AZATHIOPRINE SODIUM

- **HÜls Troisdorf AG, F.R. Germany
- **Medichem S.A., Spain
- *Selectchemie AG, Switzerland
- **The Wellcome Foundation Ltd., United Kingdom

BACITRACIN

- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland

BACITRACIN (cont'd)

- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- *Napp Chemicals Inc., USA
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

BARTIUM SULFATE

- **Bracco Industria Chimica S.p.A., Italy
- **Gaesser Laboratories Limited, United Kingdom
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- **E. Merck, F.R. Germany
- *Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

BCG VACCINE

- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Fako İlaçları A.S., Turkey
- **Fundacao Ataulpho de Paiva, Brazil
- **Hoechst AG, F.R. Germany
- *Indian Drugs & Pharmaceuticals Ltd. India
- **Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- *Medexport, USSR
- *The National Bacteriological Laboratory, Sweden
- Perum Bio Farma (Pasteur Institute), India

BECLOMETASONE DIPROPIONATE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- **Biologicals Production Service, Philippines
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Cipla Ltd., India

BECLOMETASONE DIPROPIONATE (cont'd)

- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
Glaxochem Limited, Sefton Division,
United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hovione Sociedade Quimica, Lda.,
Portugal
Novachem S.p.A., Italy
Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

BENZATHINE BENZYL PENICILLIN

- **Antibioticos S.A., Spain
- **BASF AG, F.R. Germany
- **Biochemie Ges.m.b.H., Austria
Biogal Pharmaceutical Works, Hungary
- *Browning Chemical Corporation, USA
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **Gist-brocades, Netherlands
*Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Indústrias Farmacêuticas Fontoura-
Wyeth S.A., Brazil
Indian Drugs & Pharmaceuticals Ltd.
India
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

BENZOIC ACID

- **Andeno B.V., The Netherlands
- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark

BENZOIC ACID (cont'd)

- *E. Merck, F.R. Germany
- **Pentagon Chemicals Ltd., United Kingdom
- *Progressive Associates Ltd., Pakistan
- *Technochem Inc., USA

BENZYL BENZOATE

- **Acna Chimica Organica S.p.A., Italy
- **Andeno B.V., The Netherlands
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *E. Merck, F.R. Germany
- **Pentagon Chemicals Ltd., United Kingdom
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

BENZYL PENICILLIN POTASSIUM

- **Alembic, India
- **Antibioticos S.A., Spain
- *Bago Laboratories, Argentina
- **Biochemie Ges.r.b.H., Austria
Biogal Pharmaceutical Works, Hungary
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Commonwealth Serum Labs., Australia
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- **Gist-brocades, Netherlands
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Hüls America Inc., USA
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *I.S.F. S.p.A., Italy
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Meiji Seika Kaisha, Ltd., Japan
- **Pfizer Int., USA
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France

BENZYLPENICILLIN POTASSIUM (cont'd)

- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Squibb S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

BENZYLPENICILLIN SODIUM

- **Antibioticos S.A., Spain
- **Biochemie Ges.m.b.H., Austria
- Biogal Pharmaceutical Works, Hungary
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- **Indústrias Farmacéuticas Fontoura-
Wyeth S.A., Brazil
- **Gist-brocades, Netherlands
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Hüls America Inc., USA
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Pfizer Int., USA
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Squibb S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

BETAMETHASONE VALERATE

- **Andard-Mount Co. Ltd., United Kingdom
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- **Fako Ilâçları A.S., Turkey
- *Flavine International Inc., USA
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany

BETAMETHASONE VALERATE (cont'd)

- **Hovione Sociedade Quimica, Lda.,
Portugal
- *Marsing & Co. Ltd. A/S, Denmark
- Novachem S.p.A., Italy
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Yuhan-Corox Company Ltd., South Korea

BIPERIDEN HYDROCHLORIDE

- *Dolder Ltd., Switzerland
- **Knoll AG, F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

BIPERIDEN LACTATE

- *Dolder Ltd., Switzerland
- **Knoll AG, F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

BLEOMYCIN SULFATE

- *Avrachim AG, Switzerland
- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
- **KRKA, Yugoslavia
- **Nippon Kayaku Co., Ltd., Japan

BUPIVACAINE HYDROCHLORIDE

- **A.M.S.A. (Anonima Materie Sintetice
& Affini) S.p.A., Italy
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Nobel Chemicals AB, Sweden
- **Orgamol Ltd., Switzerland
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Società Italiana Medicinali Scandicci
(S.I.M.S.), Italy

CALCIUM FOLINATE

- *Abic Ltd., Israel
- **A.M.S.A. (Anonima Materie Sintetice & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- **Bracco Industria Chimica S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Hüls Troisdorf AG, F.R. Germany
- **Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- *Welding GmbH & Co., F.R. Germany

CALCIUM GLUCONATE

- **Akzo Chemicals BV, The Netherlands
- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *K&K-Greeff Limited, United Kingdom
- **Dr. Paul Lohmann GmbH. KG
- *Medexport, USSR
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- *Progressive Associates Ltd., Pakistan
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

CARBAMAZEPINE

- **A.M.S.A. (Anonima Materie Sintetice & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **CL Pharma AG, Austria
- *Dolder Ltd., Switzerland
- **Fabbrica Italiana Sintetici (F.I.S.) S.p.A., Italy
- *Flavine International Inc., USA
- *Global Chemical Co. Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hüls Troisdorf AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark

CARBAMAZEPINE (cont'd)

- **Nobel Chemicals AB, Sweden
- **Orgamol Ltd., Switzerland
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Recordati Industria Chimica e Farmaceutica S.p.A., Italy
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- **Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

CARBDOPA

- **A.M.S.A. (Anonima Materie Sintetice & Affini) S.p.A., Italy
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Egis Pharmaceuticals, Hungary
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Nippon Kayaku Co., Ltd., Japan
- **Orphahell B.V., The Netherlands
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- **Teva Pharmaceutica: Industries Ltd., Israel

CHARCOAL, ACTIVATED

- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Kureha Chemical Industry Co., Ltd., Japan
- *Medexport, USSR
- *E. Merck, F.R. Germany
- *Technochem Inc., USA

CHLORAL HYDRATE

- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Kureha Chemical Industry Co., Ltd., Japan
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *E. Merck, F.R. Germany
- *Technochem Inc., USA

CHLORAMPHENICOL

- *Abic Ltd., Israel
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- **Gruppo Lepetit S.p.A., Italy
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Merrell Dow Pharmaceuticals AG, Switzerland
- **Pharmachim, Bulgaria
- **Priti Organics Private Ltd., India
- *Progressive Associates Ltd., Pakistan
- Sankyo Company, Ltd., Japan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Sintesis Quimica S.A., Peru
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

CHLORAMPHENICOL PALMITATE

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany

CHLORAMPHENICOL PALMITATE (cont'd)

- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Merrell Dow Pharmaceuticals AG, Switzerland
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- Proquifin Division Opoterapicos, S.A. de C.V., Mexico
- Sankyo Company, Ltd., Japan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

CHLORAMPHENICOL SODIUM SUCCINATE

- **BASF AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- *Medimpex Italia S.r.l., Italy
- **Merrell Dow Pharmaceuticals AG, Switzerland
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- Proquifin Division Opoterapicos, S.A. de C.V., Mexico
- Sankyo Company, Ltd., Japan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

CHLORHEXIDINE DIGLUCONATE

- *ACIC Ltd., Canada
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- **Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **CIECH (Centrala Importowa - Exportowa Chemikali), Poland

CHLORHEXIDINE DIGLUCONATE (cont'd)

*D&O Chemicals Inc., USA
*Dolder Ltd., Switzerland
**Fermion, Orion Corporation Ltd., Finland
*Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
*Helm AG, F.R. Germany
*ICI Pharmaceuticals, United Kingdom
*K&K-Greeff Limited, United Kingdom
Lonza Ltd., Switzerland
**Medichem S.A., Spain
**Pharmachim, Bulgaria
*PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
**Pliva (Pharmaceutical, Chemical, Food
and Cosmetic Industry), Yugoslavia
*Progressive Associates Ltd., Pakistan
*Selectchemie AG, Switzerland
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*Sterling Inc., USA
*Technochem Inc., USA
**Teikoku Chemical Industries Co. Ltd.,
Japan
*Trans-Medica Ges.m.b.H., F.R. Germany
*Welding GmbH & Co., F.R. Germany

CHLOROQUINE PHOSPHATE

Alkaloida Chemical Factory, Hungary
*Avrachim AG, Switzerland
**BASF AG, F.R. Germany
**Bayer AG, F.R. Germany
**Bengal Immunity Ltd, India
*Biochemie Ges.m.b.H., Austria
*Browning Chemical Corporation, USA
**Chemische Fabrik Schweizerhall (CFS),
Switzerland
*D&O Chemicals Inc., USA
*Dolder Ltd., Switzerland
**El-Nasr Pharmaceutical Chemicals Co.,
Egypt
*Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
*Helm AG, F.R. Germany
**Hüls America Inc., USA
**Hüls Troisdorf AG, F.R. Germany
**ICI Bangladesh Manufacturers Ltd.,
Bangladesh
**Indian Drugs & Pharmaceuticals Ltd.
India
*K&K-Greeff Limited, United Kingdom
**KRKA, Yugoslavia
**Lonza Ltd., Switzerland
*Marsing & Co. Ltd. A/S, Denmark
*Medimpex, Hungary
*Medimpex Italia S.r.l., Italy
**Pharmachim, Bulgaria

CHLOROQUINE PHOSPHATE (cont'd)

*Progressive Associates Ltd., Pakistan
**Ranbaxy Laboratories Ltd., India
**Rhône-Poulenc Santé, France
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*Sterling Inc., USA
*Trans-Medica Ges.m.b.H., F.R. Germany

CHLOROQUINE SULFATE

Alkaloida Chemical Factory, Hungary
*Avrachim AG, Switzerland
**BASF AG, F.R. Germany
**Bayer AG, F.R. Germany
*Biochemie Ges.m.b.H., Austria
*Browning Chemical Corporation, USA
**Chemische Fabrik Schweizerhall (CFS),
Switzerland
*D&O Chemicals Inc., USA
*Dolder Ltd., Switzerland
**El-Nasr Pharmaceutical Chemicals Co.,
Egypt
*Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
*Helm AG, F.R. Germany
**Hüls America Inc., USA
**Hüls Troisdorf AG, F.R. Germany
**Indian Drugs & Pharmaceuticals Ltd.
India
*K&K-Greeff Limited, United Kingdom
**KRKA, Yugoslavia
*Marsing & Co. Ltd. A/S, Denmark
*Medimpex, Hungary
*Medimpex Italia S.r.l., Italy
**Pharmachim, Bulgaria
*Progressive Associates Ltd., Pakistan
**Ranbaxy Laboratories Ltd., India
**Rhône-Poulenc Santé, France
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*Trans-Medica Ges.m.b.H., F.R. Germany

CHLORPHENAMINE HYDROGEN MALEATE

**Chemische Fabrik Schweizerhall (CFS),
Switzerland
*Dolder Ltd., Switzerland
*Global Chemical Co. Inc., USA
*K&K-Greeff Limited, United Kingdom
*Progressive Associates Ltd., Pakistan
*Selectchemie AG, Switzerland
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

CHLORPROMAZINE HYDROCHLORIDE

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Dolder Ltd., Switzerland
- Egis Pharmaceuticals, Hungary
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *ICC Handels GmbH., F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

CIMETIDINE

- **BASF AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- **Chemie Linz AG, Austria
- **Chemical Works of Gedeon Richter Ltd.,
Hungary
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- **CL Pharma AG, Austria
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- **Farchemia S.p.A., Italy
- *Flavine International Inc., USA
- **Hüls Troisdorf AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- **Kemwell Pvt. Ltd., India
- **KRKA, Yugoslavia
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *Penn Chemicals, Ireland
- **Pharmachim, Bulgaria
- *PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
- *Progressive Associates Ltd., Pakistan
- **Quimsi, S.A. de C.V., Mexico
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Unión Químico Farmacéutica, Spain
- *Yuhan-Corox Company Ltd., South Korea

CISPLATIN

- *Abic Ltd., Israel
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Behringwerke AG, F.R. Germany
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Huhtamäki Oy Leiras, Finland
- **Hüls America Inc., USA
- *Medichem S.A., Spain
- **Nippon Kayaku Co., Ltd., Japan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA

CLOFAZIMINE

- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- **Duphar-Interfran Ltd., India
- Indian Drugs & Pharmaceuticals Ltd.
India
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

CLOMIFENE CITRATE

- **A.M.S.A. (Anonima Materie Sintetiche
& Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Medimpex, Hungary
- *PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA

CLOXACILLIN SODIUM

- **Antibiotici Cristallizzati Sterili (A.C.S.) S.p.A., Italy
- **Beecham Pharmaceuticals International Division, United Kingdom
- **Biochemie Ges.m.b.H., Austria
 - *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
 - CIECH (Centrala Importowa - Exportowa Chemikali), Poland
- **CIPAN (Companhia Industrial Productora de Antibioticos), S.A., Portugal
- *Commonwealth Serum Labs., Australia
- *Dolder Ltd., Switzerland
- **Fako Ilâçlari A.S., Turkey
- **Flamma S.p.A., Italy
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *Jell Pharmaceutical Co. Ltd., Rep. of Korea
- *K&K-Greeff Limited, United Kingdom
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Meiji Seika Kaisha, Ltd., Japan
- *Progressive Associates Ltd., Pakistan
- **Ranbaxy Laboratories Ltd., India
- *Siemsglüss & Sohr. GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

COAL TAR

- **Chemische Fabrik Aubing GmbH., F.R. Germany
- **Gema-Liesa, Spain
- **Sintesis Quimica S.A., Peru

CODEINE PHOSPHATE

- Alkaloida Chemical Factory, Hungary
- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- **The Boots Company PLC, United Kingdom
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
 - CIECH (Centrala Importowa - Exportowa Chemikali), Poland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom

CODEINE PHOSPHATE (cont'd)

- *Helm AG, F.R. Germany
- **Macfarlan Smith Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- **S.A.L.A.R.S. (Società Azionaria Laboratori Alcaloidi Rifornimenti Sanitari), Italy
 - Sankyo Company, Ltd., Japan
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Unión Químico Farmacéutica, Spain
- *Welding GmbH & Co., F.R. Germany

COLCHICINE

- **Andard-Mount Co. Ltd., United Kingdom
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- Indena S.p.A., Italy
- *Medexport, USSR
- *Roussel Corporation, USA
- **Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom

CYCLOPHOSPHAMIDE

- **BASF AG, F.R. Germany
- *Dolder Ltd., Switzerland
- **Farnos Group Ltd., Finland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

CYTARABINE

- *Chemapol Ltd., CSSR
- **Farnos Group Ltd., Finland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- Pfanzstiel Laboratories, Inc., USA
- *Roussel Corporation, USA

DAPSONE

- *Avrachim AG, Switzerland
- **Bengal Immunity Ltd., India
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Roussel Corporation, USA
- **Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

DEHYDROEMETINE HYDROCHLORIDE

- **Andard-Mount Co. Ltd., United Kingdom
- *Dolder Ltd., Switzerland
Hoffmann-La Roche, Switzerland
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

DEXAMETHASONE

- *American Roland Corporation, USA
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom

DEXAMETHASONE (cont'd)

- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Upjohn International Inc., USA
- *Welding GmbH & Co., F.R. Germany

DEXAMETHASONE SODIUM PHOSPHATE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Roussel Corporation, USA
- **Roussel Uclaf, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Upjohn International Inc., USA

DEXTRAN 70

- *Chemapol Ltd., CSSR
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Fisons plc, United Kingdom
- *Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

DIAZEPAM

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd.,
Hungary
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Cipla Ltd., India

DIAZEPAM (cont'd)

- **CL Pharma AG, Austria
- *Dolder Ltd., Switzerland
- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- **FDC Private Ltd., India
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- **Industria Chimica Profarmaco S.p.A.,
Italy
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Ranbaxy Laboratories Ltd., India
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

DIETHYLCARBAMAZINE DIHYDROGEN CITRATE

- **G. Ampray Laboratories, India
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- ICI Colours and Fine Chemicals,
United Kingdom
- *IDPL Ltd., India
- *Medimpex, Hungary
- **Orgamol Ltd., Switzerland
- **Rexolin Chemicals AB, Sweden
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

DIGITOXIN

- **Andard-Mount Co. Ltd., United Kingdom
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland

DIGITOXIN (cont'd)

- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Medimpex Italia S.r.l., Italy
- **Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany

DIGOXIN

- *American Roland Corporation, USA
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- *Roussel Corporation, USA
- **Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **The Wellcome Foundation Ltd.,
United Kingdom

DILOXANIDE FUROATE

- **Andard-Mount Co. Ltd., United Kingdom
- **The Boots Company PLC, United Kingdom
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

DIMERCAPROL

- *Dolder Ltd., Switzerland
- *Selectchemie AG, Switzerland
- **Technochemie GmbH., F.R. Germany

DIPHThERIA ANTITOXIN

- **Behringwerke AG, F.R. Germany
- **Bengal Immunity Ltd, India
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany

DIPHTHERIA ANTITOXIN (cont'd)

- Human Institute for Serobacteriological
Production and Research, Hungary
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- **National Institute of Health, Pakistan
- Perum Bio Farma (Pasteur Institute), India
- **Swiss Serum and Vaccine Institute,
Switzerland

DIPHTHERIA-PERTUSSIS-TETANUS VACCINE

- **Behringwerke AG, F.R. Germany
- *Chemapol Ltd., CSSR
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
- Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- Instituto de Salud Publica de Chile, Chile
- *Medexport, USSR
- *Medimpex, Hungary
- Perum Bio Farma (Pasteur Institute), India
- **Rhône-Poulenc Santé, France
- **Smith Kline RIT S.A., Belgium
- **Swiss Serum and Vaccine Institute,
Switzerland
- **The Wellcome Foundation Ltd.,
United Kingdom

DIPHTHERIA-TETANUS VACCINE

- **Behringwerke AG, F.R. Germany
- *Chemapol Ltd., CSSR
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
- Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- Instituto de Salud Publica de Chile
- *Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
- Perum Bio Farma (Pasteur Institute),
India
- **Rhône-Poulenc Santé, France
- **Smith Kline RIT S.A., Belgium
- **Swiss Serum and Vaccine Institute,
Switzerland
- **The Wellcome Foundation Ltd.,
United Kingdom

DITHRANOL

- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- **RTZ Chemicals, ISC Division,
United Kingdom
- *Siemglüss & Sohn GmbH & Co.,
F.R. Germany

DOPAMINE HYDROCHLORIDE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- **Knoll AG, F.R. Germany
- *Knoll Pharmaceuticals Fine Chemicals, USA
- **Recordati Industria Chimica e
Farmaceutica S.p.A., Italy
- *Roussel Corporation, USA
- *Selectchemie AG, Switzerland
- *Siemglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- **Technochem Inc., USA
- **Teikoku Chemical Industries Co. Ltd.,
Japan
- **Zambon Group S.p.A., Italy

DOXORUBICIN HYDROCHLORIDE

- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- *Helm AG, F.R. Germany
- **Meiji Seika Kaisha, Ltd., Japan

DOXYCYCLINE HYCLATE

- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chinoin Pharmaceutical and
Chemical Works Ltd., Hungary
- **Chong Kun Dang Corporation,
Rep. of Korea
- **CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Dolder Ltd., Switzerland
- **Fako Ilâçlari A.S., Turkey
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom

DOXYCYCLINE HYCLATE (cont'd)

- *Helm AG, F.R. Germany
- **Hovione Sociedade Quimica, Lda., Portugal
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *Progressive Associates Ltd., Pakistan
- **Ranbaxy Laboratories Ltd., India
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

EPHEDRINE HYDROCHLORIDE

- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- **Knoll AG, F.R. Germany
- *Knoll Pharmaceuticals Fine Chemicals, USA
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **E. Merck, F.R. Germany
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

EPINEPHRINE HYDROCHLORIDE

- **Boehringer Ingelheim KG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

ERGOCALCIFEROL

- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Danochemo A/S, Denmark
- *Dolder Ltd., Switzerland
- **Duphar B.V., The Netherlands
- *Jell Pharmaceutical Co. Ltd., Rep. of Korea
- *K&K-Greeff Limited, United Kingdom
- *E. Merck, F.R. Germany
- *Roussel Corporation, USA
- Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

ERGOMETRINE MALEATE

- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Sandoz Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

ERGOTAMINE TARTRATE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd., Hungary

ERGOTAMINE TARTRATE (cont'd)

- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- Sandoz Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA

ERYTHROMYCIN ETHYLSUCCINATE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **CIBRAN, Brazil
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **CIPAN (Companhia Industrial Productora de Antibioticos), S.A., Portugal
- *Dolder Ltd., Switzerland
- **Fako Ilâçlari A.S., Turkey
- Fermic, S.A. de C.V., Mexico
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- Pierrel S.p.A., Italy
- **Priti Organics Private Ltd., India
- *Progressive Associates Ltd., Pakistan
- **Proter S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Upjohn International Inc., USA

ERYTHROMYCIN LACTOBIONATE

- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- Nobel Chemicals S.p.A., Italy
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

ERYTHROMYCIN STEARATE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
- **CIBRAN, Brazil
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **CIPAN (Companhia Industrial Productora de Antibioticos), S.A., Portugal
- *Dolder Ltd., Switzerland
- **Fako Ilâçlari A.S., Turkey
- Fermic, S.A. de C.V., Mexico
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- Pierrel S.p.A., Italy
- *Progressive Associates Ltd., Pakistan
- **Proter S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- **Upjohn International Inc., USA

ETHAMBUTOL HYDROCHLORIDE

- **American Cyanamid, USA
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- **Beecham Pharmaceuticals International Division, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy

ETHAMBUTOL HYDROCHLORIDE (cont'd)

- *Avrachem AG, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chinoin Pharmaceutical and Chemical Works Ltd., Hungary
- **Chong Kun Dang Corporation, Rep. of Korea
- **CIPLA, India
Cyanamid Italia S.p.A., Italy
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **KRKA, Yugoslavia
- **Lupin Laboratories Ltd., India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- **Priti Organics Private Ltd., India
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany
- *Yuhan-Corox Company Ltd., South Korea

ETHER, ANAESTHETIC

- *Avrachem AG, Switzerland
- *Medexport, USSR

ETHINYLESTRADIOL

- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **May & Baker (Exports) Ltd., United Kingdom
- *Mitsubishi Chemical Industries Ltd., Japan
- **Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Wyeth Laboratories, USA

ETHOSUXIMIDE

- *Avrachem AG, Switzerland
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Hüls America Inc., USA
- **Lonza Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

ETOPOSIDE

- *Abic Ltd., Israel
- *Avrachem AG, Switzerland
- Cipla Ltd., India
- Nippon Kayaku Co., Ltd., Japan

FACTOR IX COMPLEX CONCENTRATE

- **Andard-Mount Co. Ltd., United Kingdom
- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- **Hoechst AG, F.R. Germany

FACTOR VIII CONCENTRATE

- **Andard-Mount Co. Ltd., United Kingdom
- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- **Institut Mérieux, France
- **Swiss Serum and Vaccine Institute, Switzerland

FERROUS FUMARATE

- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Dr. Paul Lohmann GmbH, KG
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- Nitrokemia, Hungary
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- **Seven Star Pharmaceutical Co., Ltd., Taiwan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA

FERROUS GLUCONATE

- **Akzo Chemicals BV, The Netherlands
- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Dr. Paul Lohmann GmbH, KG
- *E. Merck, F.R. Germany
- *Nukem Chemical Industries Ltd., India
- **Seven Star Pharmaceutical Co., Ltd., Taiwan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA

FERROUS SULFATE

- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- **Dr. Paul Lohmann GmbH, KG
- *E. Merck, F.R. Germany
- *Nukem Chemical Industries Ltd., India
- **Seven Star Pharmaceutical Co., Ltd., Taiwan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA

FLUCYTOSINE

- **Hoffmann-La Roche, Switzerland
- *Heinrich Mack Nachf., F.R. Germany

FLUDROCORTISONE ACETATE

- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

FLUORESCHEIN SODIUM

- *K&K-Greeff Limited, United Kingdom
- **Interquim, S.A., Spain
- *E. Merck, F.R. Germany
- *Selectchemie AG, Switzerland

FLUOROURACIL

- *Abic Ltd., Israel
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- Hoffmann-La Roche, Switzerland
- **HÜls Troisdorf AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- Teikoku Chemical Industries Co. Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany

FLUPHENAZINE DECANOATE/ENANTATE

- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- *Medexport, USSR
- *Roussel Corporation, USA
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

FOLIC ACID

- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- *Beecham Pharmaceuticals International Division, United Kingdom
- *Browning Chemical Corporation, USA
- *Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Duphar B.V., The Netherlands
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *Global Chemical Co. Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **HÜls America Inc., USA
- **HÜls Troisdorf AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea

FOLIC ACID (cont'd)

- *K&K-Greeff Limited, United Kingdom
- **Lonza Ltd., Switzerland
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- **Takeda Chemical Industries Ltd., Japan
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

FUROSEMIDE

- *ACIC Ltd., Canada
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chinoin Pharmaceutical and
Chemical Works Ltd., Hungary
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *IDPL Ltd., India
- *K&K-Greeff Limited, United Kingdom
- **Laboratori Mag S.p.A., Italy
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- **Orphahell B.V., The Netherlands
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Sociedad Mexicana de Quimica Industrial,
S.A., Mexico
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- **Teva Pharmaceutical Industries Ltd.,
Israel
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

GALLAMINE TRIETHIODIDE

- **Boehringer Ingelheim KG, F.R. Germany
- *Browning Chemical Corporation, USA
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

GENTAMICIN SULFATE

- *Abic Ltd., Israel
- ANSA (Antibiotics and Pharmaceutical
Raw Materials Industry), Turkey
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chinoin Pharmaceutical and
Chemical Works Ltd., Hungary
- **Chong Kun Dang Corporation,
Rep. of Korea
- **CIBRAN, Brazil
- **Deva Holding A.S., Turkey
- *Dolder Ltd., Switzerland
- **Fermic, S.A. de C.V., Mexico
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- *ICC Handels GmbH., F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Meiji Seika Kaisha, Ltd., Japan
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

GLUCOSE

- *Chemapol Ltd., CSSR
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- **National Institute of Health, Pakistan
- **Pharmachim, Bulgaria
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

GLYCERYL TRINITRATE

- *Browning Chemical Corporation, USA
- *K&K-Greeff Limited, United Kingdom
- *Medexport, USSR
- **E. Merck, F.R. Germany

GRISEOFULVIN

- *Avrachim AG, Switzerland
- **Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *China National Corporation of Pharmaceutical Industry, P.R. China
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Glaxochem Limited, Sefton Division, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *ICI Pharmaceuticals, United Kingdom
- Indian Drugs & Pharmaceuticals Ltd. India
- *K&K-Greeff Limited, United Kingdom
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- Nippon Kayaku Co., Ltd., Japan
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

HALOPERIDOL

- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- **BASF AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Imhausen-Chemie GmbH., F.R. Germany
- **Industria Chimiche Farmaceutiche Italiane (I.C.F.I.), Italy
- **Janssen Pharmaceutica, Belgium
- *Marsing & Co. Ltd. A/S, Denmark

HALOPERIDOL (cont'd)

- *Medexport, USSR
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- **Teikoku Chemical Industries Co. Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

HALOTHANE

- *Chemapol Ltd., CSSR
- **Hoechst AG, F.R. Germany
- *ICI Pharmaceuticals, United Kingdom
- *Roussel Corporation, USA
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

HEPARIN

- **Andard-Mount Co. Ltd., United Kingdom
- **Biochemie Ges.m.b.H., Austria
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd., Hungary
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- Commonwealth Serum Labs., Australia
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- Hoffmann-La Roche, Switzerland
- *K&K-Greeff Limited, United Kingdom
- **Leo Pharmaceutical Products, Denmark
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- **Novo Industri A/S, Denmark
- **Opocrin S.p.A., Italy
- Proquifin Division Opoterapicos, S.A. de C.V., Mexico
- Roussel Uclaf, France
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Squibb S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

HEPATITIS B VACCINE

- *Behringwerke AG, F.R. Germany
- *Commonwealth Serum Labs., Australia
- *Curewel (India) Ltd., India
- **Institut Mérieux, France
- *The National Bacteriological Laboratory, Sweden
- **Smith Kline RIT S.A., Belgium
- *Swiss Serum and Vaccine Institute, Switzerland

HOMATROPINE HYDROBROMIDE

- **Boehringer Ingelheim KG, F.R. Germany
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Macfarlan Smith Limited, United Kingdom
- *E. Merck, F.R. Germany
- *Progressive Associates Ltd., Pakistan
- Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

HYDRALAZINE HYDROCHLORIDE

- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *Global Chemical Co. Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Hüls Troisdorf AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Orphahell B.V., The Netherlands
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- **Teva Pharmaceutical Industries Ltd., Israel
- *Trans-Medica Ges.m.b.H., F.R. Germany

HYDROCHLOROTHIAZIDE

- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA

HYDROCHLOROTHIAZIDE (cont'd)

- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chinoin Pharmaceutical and Chemical Works Ltd., Hungary
- CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- *Flavina International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Industria Chimica Profarmaco S.p.A., Italy
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- **Pliva (Pharmaceutical, Chemical, Food and Cosmetic Industry), Yugoslavia
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

HYDROCORTISONE ACETATE

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Mitsubishi Chemical Industries Ltd., Japan
- *Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Upjohn International Inc., USA

HYDROCORTISONE SODIUM SUCCINATE

- *Abic Ltd., Israel
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *KEK-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Napp Chemicals Inc., USA
- **Nobel Chemicals AB, Sweden
- *Roussel Corporation, USA
Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Upjohn International Inc., USA

HYDROXOCOBALAMIN

- *ACIC Ltd., Canada
- **Andard-Mount Co. Ltd., United Kingdom
- *Bago Laboratories, Argentina
- *Browning Chemical Corporation, USA
- **Chemical Works of Gedeon Richter Ltd.,
Hungary
- *Dolder Ltd., Switzerland
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Hoffmann-La Roche, F.R. Germany
- **Interquim, S.A., Spain
- *Medimex, Hungary
- **E. Merck, F.R. Germany
Proquifin Division Opoterapicos,
S.A. de C.V., Mexico
- **Rhône-Poulenc Santé, France
- *Roussel Corporation, USA
- **Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

IBUPROFEN

- *ACIC Ltd., Canada
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria

IBUPROFEN (cont'd)

- *Dott. Bonapace & C. S.p.A., Italy
- **The Boots Company PLC, United Kingdom
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **Fako Ilâglari A.S., Turkey
- **Farnos Group Ltd., Finland
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hüls Troisdorf AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
Indian Drugs & Pharmaceuticals Ltd.
India
- *KEK-Greeff Limited, United Kingdom
Kemwell Pvt. Ltd., India
- *Marsing & Co. Ltd. A/S, Denmark
- **E. Merck, F.R. Germany
Nobel Chemicals S.p.A., Italy
- **Nukem Chemical Industries Ltd., India
- *Progressive Associates Ltd., Pakistan
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany
- **Zambon Group S.p.A., Italy

IDOXURIDINE

- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Selectchemie AG, Switzerland

IMMUNOGLOBULIN, HUMAN ANTI-D

- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- *Curewel (India) Ltd., India
- **Institute of Immunology, Yugoslavia
- **The National Bacteriological Laboratory,
Sweden
- **Serotherapeutisches Institut Wien AG,
Austria

TPHUNGLOBULIN, HUMAN NORMAL

- **Andard-Mount Co. Ltd., United Kingdom
- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- **Curewel (India) Ltd., India
- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- *Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **Rhône-Poulenc Santé, France
- **Serotherapeutisches Institut Wien AG,
Austria
- *Trans-Medica Ges.m.b.H., F.R. Germany

INDOMETACIN

- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Industrie Chimiche Farmaceutiche
Italiane (I.C.F.I.), Italy
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.p.A., Italy
- Nippon Kayaku Co., Ltd., Japan
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

INFLUENZA VACCINE

- **Behringwerke AG, F.R. Germany
- **Commonwealth Serum Labs., Australia
- *Connaught Laboratories Ltd., Canada
- **Duphar B.V., The Netherlands
- **Hoechst AG, F.R. Germany
- **Institut Armand-Frappier, Canada
- **Institut Mérieux, France

INFLUENZA VACCINE (cont'd)

- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- **The National Bacteriological Laboratory,
Sweden
- **Rhône-Poulenc Santé, France

INSULIN ISOPHANE/ZINC

- Biobras Bioquímica do Brasil S/A, Brazil
- The Boots Company (India) Ltd., India
- **Hoechst AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Nordisk Gentofte A/S, Denmark
- **Novo Industri A/S, Denmark
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *The Wellcome Foundation Ltd.,
United Kingdom

INSULIN, SOLUBLE

- Biobras Bioquímica do Brasil S/A, Brazil
- The Boots Company (India) Ltd., India
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- *Commonwealth Serum Labs., Australia
- **Diosynth B.V., The Netherlands
- **Hoechst AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Nordisk Gentofte A/S, Denmark
- **Novo Industri A/S, Denmark
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *The Wellcome Foundation Ltd.,
United Kingdom

IODINE

- **ACF Chemie BV, The Netherlands
- Biogal Pharmaceutical Works, Hungary
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **E. Merck, F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

IOHEXOL

- Sterling Organics Ltd., United Kingdom

IOPANOIC ACID

- **Bracco Industria Chimica S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Unión Químico Farmacéutica, Spain

IPECACUANHA

- Indena S.p.A., Italy
- **Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

IRON DEXTRAN

- **Abic Ltd., Israel
- **Andard-Mount Co. Ltd., United Kingdom
- *Dolder Ltd., Switzerland
- **Fisons plc, United Kingdom
- *Hoechst AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

ISONIAZID

- *Abic Ltd., Israel
- *Avrachim AG, Switzerland
- **Degussa AG, F.R. Germany
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- Kemwell Pvt. Ltd., India
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Aktieselskabet Rosco, Denmark
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

ISOSORBIDE DINITRATE

- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Graesser Laboratories Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Nipa Laboratories Ltd., United Kingdom
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **SSF Dottikon, Switzerland
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

IVERMECTIN

- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

KETAMINE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Diosynth B.V., The Netherlands
- **Imhausen-Chemie GmbH., F.R. Germany
- *Medimpex, Hungary
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

KETOCONAZOLE

- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

LEVAMISOLE

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy

LEVAMISOLE (cont'd)

- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICI Pharmaceuticals, United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- Proquifin Division Opoterapicos, S.A. de C.V., Mexico
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

LEVODOPA

- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Global Chemical Co. Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- *Medimpex Italia S.r.l., Italy
- *Marsing & Co. Ltd. A/S, Denmark
- *Progressive Associates Ltd., Pakistan
- **G.D. Searle & Co., USA
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

LEVONORGESTREL

- *Dott. Bonapace & C. S.p.A., Italy
- **Chemical Works of Gedeon Richter Ltd., Hungary
- *Medimpex, Hungary
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

LEVOTHYROXINE SODIUM

- **Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- The Boots Company PLC, United Kingdom
- **Bracco Industria Chimica S.p.A., Italy
- *Browning Chemical Corporation, USA
- Industrie Chimique Mulhouse Dornach, France
- *Selectchemie AG, Switzerland

LEVOTHYROXINE SODIUM (cont'd)

- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- Teikoku Chemical Industries Co. Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

LIDOCAINE HYDROCHLORIDE

- **Astra Pharmaceuticals International AB, Sweden
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Commonwealth Serum Labs., Australia
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Industria Chimica Profarmaco S.p.A., Italy
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- *Marsing & Co. Ltd. A/S, Denmark
- **Medichem S.A., Spain
- *Medimpex Italia S.r.l., Italy
- **Napp Chemicals Inc., USA
- **Orgamol Ltd., Switzerland
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Società Italiana Medicinali Scandicci (S.I.M.S.), Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany

LINDANE

- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

LITHIUM CARBONATE

- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- **Dr. Paul Lohmann GmbH. KG
- *Medexport, USSR
- **E. Merck, F.R. Germany

LITHIUM CARBONATE (cont'd)

- *Pharmachim, Bulgaria
- **Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom

MAGNESIUM HYDROXIDE

- **Bengal Immunity Ltd, India
- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- **Industria Química Andina y Cia. S.A.,
Colombia
- **Dr. Paul Lohmann GmbH. KG
- **E. Merck, F.R. Germany
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom

MANNITOL

- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- *ICC Handels GmbH., F.R. Germany
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- **National Institute of Health, Pakistan
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

MEASLES VACCINE

- *Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- *Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- **The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
- **Smith Kline RIT S.A., Belgium
- **Swiss Serum and Vaccine Institute,
Switzerland
- *Technochem Inc., USA

MEBENDAZOLE

- *Acic Ltd., Canada
- **Atul Products Ltd., India
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **The Fairdeal Corporation (Pvt.) Ltd.,
India
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Industrie Chimiche Farmaceutiche
Italiane (I.C.F.I.), Italy
- **Janssen Pharmaceutica, Belgium
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Nobel Chemicals AB, Sweden
- *Nukem Chemical Industries Ltd., India
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

MEDROXYPROGESTERONE ACETATE, DEPOI

- *Dott. Bonapace & C. S.p.A., Italy
- **Diosynth B.V., The Netherlands
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Leo Pharmaceutical Products, Denmark
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

MEFLOQUINE HYDROCHLORIDE

**Knoll AG, F.R. Germany

MEGLUMINE ANTIMONIATE

**Rhône-Poulenc Santé, France

MEGLUMINE IOTROXATE

*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

MEGLUMINE/SODIUM AMIDOTRIZOATE

**Bracco Industria Chimica S.p.A., Italy

**Schering AG, F.R. Germany
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

MELARSOPROL

**Rhône-Poulenc Santé, France

MENINGOCOCCAL VACCINE

*Commonwealth Serum Labs., Australia
*Connaught Laboratories Ltd., Canada
**Hoechst AG, F.R. Germany
**Institut Mérieux, France
**Institute of Immunology, Yugoslavia
*Medexport, USSR
*The National Bacteriological Laboratory,
Sweden
**Rhône-Poulenc Santé, France
**Smith Kline RIT S.A., Belgium

MERCAPTOPYRINE

*Browning Chemical Corporation, USA
**Farnos Group Ltd., Finland
**Hüls Troisdorf AG, F.R. Germany
**Medichem S.A., Spain
*S.S.T. Corporation, USA
**The Wellcome Foundation Ltd.,
United Kingdom

METHIONINE

*American Roland Corporation, USA
*Browning Chemical Corporation, USA
**Degussa AG, F.R. Germany
**Degussa Antwerpen N.V., Belgium
*K&K-Greeff Limited, United Kingdom
*Medexport, USSR
*E. Merck, F.R. Germany
Nippon Kayaku Co., Ltd., Japan
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*Welding GmbH & Co., F.R. Germany

METHOTREXATE SODIUM

*Abic Ltd., Israel
**Andard-Mount Co. Ltd., United Kingdom
*Avrachim AG, Switzerland
*Browning Chemical Corporation, USA
*Byron Chemical Company, Inc., USA
*Chemapol Ltd., CSSR
**Lonza Ltd., Switzerland
**Rhône-Poulenc Santé, France
*Selectchemie AG, Switzerland
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*S.S.T. Corporation, USA
*Trans-Medica Ges.m.b.H., F.R. Germany

METHYLDOPA

*Acic Ltd., Canada
*Avrachim AG, Switzerland
*Dott. Bonapace & C. S.p.A., Italy
*Byron Chemical Company, Inc., USA
**Chemische Fabrik Schweizerhall (CFS),
Switzerland
*Dolder Ltd., Switzerland
**Egis Pharmaceuticals, Hungary
**Farchemia S.p.A., Italy
*Flavine International Inc., USA
*Global Chemical Co. Inc., USA
*K&K-Greeff Limited, United Kingdom
*Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
*Helm AG, F.R. Germany
**Hüls Troisdorf AG, F.R. Germany
**Indian Drugs & Pharmaceuticals Ltd.
India
*Marsing & Co. Ltd. A/S, Denmark
*Medimpex, Hungary
*Medimpex Italia S.r.l., Italy
Nippon Kayaku Co., Ltd., Japan
*Nukem Chemical Industries Ltd., India
*Selectchemie AG, Switzerland
*Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
*Thomson and Joseph Ltd., United Kingdom
*Trans-Medica Ges.m.b.H., F.R. Germany
*Welding GmbH & Co., F.R. Germany

METHYLOSANILINIUM CHLORIDE

*E. Merck, F.R. Germany

METHYLTHIONIUM CHLORIDE

**Hoechst AG, F.R. Germany
*E. Merck, F.R. Germany

METOCLOPRAMIDE HYDROCHLORIDE

- *Abic Ltd., Israel
- **A.H.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- **BASF AG, F.R. Germany
- *Beecham Pharmaceuticals International Division, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- *K&K-Greeff Limited, United Kingdom
- **Medichem S.A., Spain
- *Medimpex Italia S.r.l., Italy
- **Orgamol Ltd., Switzerland
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
Teikoku Chemical Industries Co. Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany

METRIFONATE

- **Bayer AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

METRONIDAZOLE

- *Acic Ltd., Canada
- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **The Fairdeal Corporation (Pvt.) Ltd., India
- **Farchemia S.p.A., Italy
- **FDC Private Ltd., India
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom

METRONIDAZOLE (cont'd)

- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
SPA. (Società Prodotti Antibiotici S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

METRONIDAZOLE BENZOATE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- **The Fairdeal Corporation (Pvt.) Ltd., India
- **Farchemia S.p.A., Italy
- **FDC Private Ltd., India
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Quimsi, S.A. de C.V., Mexico
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Welding GmbH & Co., F.R. Germany

MICONAZOLE NITRATE

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland

MICONAZOLE NITRATE (cont'd)

- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **FDC Private Ltd., India
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Janssen Pharmaceutica, Belgium
- **Sibefat S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

MORPHINE HYDROCHLORIDE

- Alkaloida Chemical Factory, Hungary
- *Avrachim AG, Switzerland
- **The Boots Company PLC, United Kingdom
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- **Macfarlan Smith Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- **S.A.L.A.R.S. (Società Azionaria
Laboratori Alcaloidi Rifornimenti
Sanitari), Italy
- Sandoz Ltd., Switzerland
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Unión Químico Farmacéutica, Spain

MORPHINE SULFATE

- Alkaloida Chemical Factory, Hungary
- *Avrachim AG, Switzerland
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- **Macfarlan Smith Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark

MORPHINE SULFATE (cont'd)

- *May & Baker (Exports) Ltd.,
United Kingdom
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- **S.A.L.A.R.S. (Società Azionaria
Laboratori Alcaloidi Rifornimenti
Sanitari), Italy
- Sandoz Ltd., Switzerland
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Technochem Inc., USA
- **Unión Químico Farmacéutica, Spain

NALOXONE HYDROCHLORIDE

- Alkaloida Chemical Factory, Hungary
- *Commonwealth Serum Labs., Australia
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- **Macfarlan Smith Limited, United Kingdom
- **S.A.L.A.R.S. (Società Azionaria
Laboratori Alcaloidi Rifornimenti
Sanitari), Italy
- Sankyo Company, Ltd., Japan

NEOMYCIN SULFATE

- *Avrachim AG, Switzerland
- Biogal Pharmaceutical Works, Hungary
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *KEK-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *Napp Chemicals Inc., USA
- *Progressive Associates Ltd., Pakistan
- Nippon Kayaku Co., Ltd., Japan
- Roussel Uclaf, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Synbiotics Ltd., India
- *Technochem Inc., USA
- **Upjohn International Inc., USA

NEOSTIGMINE BROMIDE

- *Avrachim AG, Switzerland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- Hoffmann-La Roche, Switzerland
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

NEOSTIGMINE METILSULFATE

- *Avrachim AG, Switzerland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- Hoffmann-La Roche, Switzerland
- **Pharmachim, Bulgaria
- **Tokyo Kasei Kogyo Co., Ltd., Japan

NICLOSANIDE

- *Avrachim AG, Switzerland
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- Rhône-Poulenc Santé, France
- **Sibefat S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

NICOTINAMIDE

- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- **Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Degussa AG, F.R. Germany
- **Degussa Antwerpen N.V., Belgium
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *Jell Pharmaceutical Co. Ltd.,
Rep. of Korea
- Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *E. Merck, F.R. Germany
- **Pharmachim, Bulgaria

NICOTINAMIDE (cont'd)

- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

NIFEDIPINE

- *Avrachim AG, Switzerland
- **Bayer AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- CIECH (Centrala Importowa - Exportowa
Chemikalii), Poland
- **Cipla Ltd., India
- **Egis Pharmaceuticals, Hungary
- **Fako Ilçlari A.S., Turkey
- **Farnos Group Ltd., Finland
- *Global Chemical Co. Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Huhtamäki Oy Leiras, Finland
- **Industrie Chimiche Farmaceutiche
Italiane (I.C.F.I.), Italy
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- Nippon Kayaku Co., Ltd., Japan
- **Nobel Chemicals AB, Sweden
- *Nukem Chemical Industries Ltd., India
- *Roussel Corporation, USA
- **Sanofi Chimie, France
- *Selectchemie AG, Switzerland
- **Siegfried Chemie AG Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- Teikoku Chemical Industries Co. Ltd.,
Japan
- *Welding GmbH & Co., F.R. Germany
- **Zambon Group S.p.A., Italy

NIFURTIMOX

- *Browning Chemical Corporation, USA
- *Medichem S.A., Spain
- *Technochem Inc., USA

NITROFURANTOIN

- *Avrachim AG, Switzerland
- **Bayer AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- *Dolder Ltd., Switzerland
- **Fabbrica Italiana Sintetici (F.I.S.) S.p.A., Italy
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- Kemwell Pvt. Ltd., India
- *Marsing & Co. Ltd. A/S, Denmark
- **Orphaell B.V., The Netherlands
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

NITROUS OXIDE

- *AGA A/S, Denmark
- *Air Products AG, F.R. Germany
- **CL Pharma AG, Austria
- *Gases Medicinales, Spain

NORETHISTERONE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- **Mitsubishi Chemical Industries Ltd., Japan
- **Pharmachim, Bulgaria
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

NORETHISTERONE ENANTATE

- *Avrachim AG, Switzerland
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Diosynth B.V., The Netherlands

NORETHISTERONE ENANTATE (cont'd)

- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *K&K-Greeff Limited, United Kingdom
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

NOXYSTATIN

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chinoïn Pharmaceutical and Chemical Works Ltd., Hungary
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Squibb S.p.A., Italy
- **Squibb Technical Operations, USA
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

OXYTOCIN

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- **Ferring AB, Sweden
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Hoechst AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PARACETAMOL

- **Alta Laboratories Private Ltd., India
- *G. Amphray Laboratories, India
- *Avrachem AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- **Fako Ilıçları A.S., Turkey
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
Indian Drugs & Pharmaceuticals Ltd. India
- **Industria Química Andina y Cia. S.A., Colombia
Kemwell Pvt. Ltd., India
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Monsanto Europe S.A., Belgium
Nipa Laboratories Ltd., United Kingdom
- *Mukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Roussel Corporation, USA
- **RTZ Chemicals, ISC Division, United Kingdom
- **Salicilatos de Mexico, S.A., Mexico
- **Seven Star Pharmaceutical Co., Ltd., Taiwan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Sociedad Mexicana de Química Industrial, S.A., Mexico
- **Sree Krishna Pharmaceuticals Pvt. Ltd., India
Sterling Organics Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany

PENICILLAMINE

- *Avrachem AG, Switzerland
- **Biochemie Ges.m.b.H., Austria
Biogal Pharmaceutical Works, Hungary
- *Chemapol Ltd., CSSR
CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Medimpex, Hungary
- *Progressive Associates Ltd., Pakistan
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA
- *Welding GmbH & Co., F.R. Germany

PENTAMIDINE ISETIONATE

- *Byron Chemical Company, Inc., USA
- **May & Baker (Exports) Ltd., United Kingdom
- *Medexport, USSR
Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

PETHIDINE HYDROCHLORIDE

- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- **Hoechst AG, F.R. Germany
- **Macfarlan Smith Limited, United Kingdom
- **May & Baker (Exports) Ltd., United Kingdom
- *Medexport, USSR
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Unión Químico Farmacéutica, Spain

PHENOBARBITAL

- Alkaloida Chemical Factory, Hungary
- *American Roland Corporation, USA
- *Avrachem AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Berg GmbH, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom

PHENOBARBITAL (cont'd)

- *K&K-Greeff Limited, United Kingdom
- **Indian Drugs & Pharmaceuticals Ltd.
India
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- **Pharmachim, Bulgaria
Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- **Siegfried Chemie AG Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PHENYOXYMETHYLPENICILLIN POTASSIUM

- *Avrachim AG, Switzerland
- **Biochemie Ges.m.b.H., Austria
Biogal Pharmaceutical Works, Hungary
- *Chemapol Ltd., CSSR
- *Dolder Ltd., Switzerland
- **Indústrias Farmacéuticas Fontoura-
Wyeth S.A., Brazil
- **Gist-brocades, Netherlands
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Hüls America Inc., USA
- *Marsing & Co. Ltd. A/S, Denmark
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PHENYTOIN SODIUM

- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- **Recordati Industria Chimica e
Farmaceutica S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

PHYTOMENADIONE

- *Dolder Ltd., Switzerland
- Hoffmann-La Roche, Switzerland
- **E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Technochem Inc., USA

PILOCARPINE HYDROCHLORIDE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
Human Institute for Serobacteriological
Production and Research, Hungary
- *Macfarlan Smith Limited, United Kingdom
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- *Orphahell B.V., The Netherlands
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PILOCARPINE NITRATE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **Boehringer Ingelheim KG, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- *Macfarlan Smith Limited, United Kingdom
- **E. Merck, F.R. Germany
- *Orphahell B.V., The Netherlands
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

PIPERACILLIN SODIUM

- **Antibiotici Cristallizzati Sterili
(A.C.S.) S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chong Kun Dang Corporation,
Rep. of Korea
- **KRKA, Yugoslavia

PIPERAZINE ADIPATE

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- **Gema-Liesa, Spain
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Indian Drugs & Pharmaceuticals Ltd. India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medichem S.A., Spain
- *E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rexolin Chemicals AB, Sweden
- *Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany

PIPERAZINE CITRATE

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- **Gema-Liesa, Spain
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Indian Drugs & Pharmaceuticals Ltd. India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medichem S.A., Spain
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- **Rexolin Chemicals AB, Sweden
- *Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Thomson and Joseph Ltd., United Kingdom

POLIOMYELITIS VACCINE, LIVE ATTENUATED

- **Behringwerke AG, F.R. Germany
- *Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
- **Institut Mérieux, France
- **Japan Poliomyelitis Research Institute
- *Medexport, USSR
- **National Institute of Health, Pakistan
- **Rhône-Poulenc Santé, France
- **Smith Kline RIT S.A., Belgium
- *Swiss Serum and Vaccine Institute, Switzerland
- **The Wellcome Foundation Ltd., United Kingdom

POLIOMYELITIS VACCINE, INACTIVATED

- *Behringwerke AG, F.R. Germany
- *Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- *Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **The National Bacteriological Laboratory, Sweden
- *Swiss Serum and Vaccine Institute, Switzerland

POTASSIUM CHLORIDE

- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Indian Drugs & Pharmaceuticals Ltd. India
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- **Dr. Paul Lohmann GmbH. KG
- **E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom

POTASSIUM IODIDE

- ACF Chemie BV, The Netherlands
- **G. Amphray Laboratories, India
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *D&O Chemicals Inc., USA
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom

POTASSIUM IODIDE (cont'd)

- *Helm AG, F.R. Germany
- *Indian Drugs & Pharmaceuticals Ltd.
India
- Kemwell Pvt. Ltd., India
- **May & Baker (Exports) Ltd.,
United Kingdom
- **E. Merck, F.R. Germany
- *Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Thomson and Joseph Ltd., United Kingdom
- **Unión Químico Farmacéutica, Spain

PRAZIQUANTEL

- **Bayer AG, F.R. Germany
- *Dott. Bonapace & C. S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PREDNISOLONE SODIUM PHOSPHATE/SUCCINATE

- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Mitsubishi Chemical Industries Ltd.,
Japan
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- **Upjohn International Inc., USA

PRIMAQUINE DIPHOSPHATE

- *Avrachim AG, Switzerland
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Lonza Ltd., Switzerland

PRIMAQUINE DIPHOSPHATE (cont'd)

- *Marsing & Co. Ltd. A/S, Denmark
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PROBENICID

- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- *Dolder Ltd., Switzerland
- *Global Chemical Co. Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Nobel Chemicals AB, Sweden
- **Orphahell B.V., The Netherlands
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- **Teva Pharmaceutical Industries Ltd.,
Israel

PROCAINAMIDE HYDROCHLORIDE

- **BASF AG, F.R. Germany
- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *Medexport, USSR
- **Pharmachim, Bulgaria
- *Rexolin Chemicals AB, Sweden
- *Roussel Corporation, USA
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Welding GmbH & Co., F.R. Germany

PROCAINE BENZYL PENICILLIN

- **Antibioticos S.A., Spain
- **Biochemie Ges.m.b.H., Austria
- Biogal Pharmaceutical Works, Hungary
- CIECH (Centrala Importowa - Exportowa
Chemikali), Poland
- **CIPAN (Companhia Industrial Productora
de Antibioticos), S.A., Portugal
- *Dolder Ltd., Switzerland
- El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **Indústrias Farmacéuticas Fontoura-
Wyeth S.A., Brazil
- **Gist-brocades, Netherlands

PROCAINE BENZYL PENICILLIN (cont'd)

- **Glaxochem Limited, Sefton Division,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *Harsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PROCARBAZINE HYDROCHLORIDE

- Hoffmann-La Roche, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

PROGUANIL HYDROCHLORIDE

- ICI Colours and Fine Chemicals,
United Kingdom
- *ICI Pharmaceuticals, United Kingdom
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

PROMETHAZINE HYDROCHLORIDE

- **A.M.S.A. (Anonima Materie Sintetiche
& Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Harsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

PROPRANOLOL HYDROCHLORIDE

- *Acic Ltd., Canada
- **A.M.S.A. (Anonima Materie Sintetiche
& Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany

PROPRANOLOL HYDROCHLORIDE (cont'd)

- *Becpharm Ltd., United Kingdom
- *Dott. Bonaparte & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- CIECH (Centrala Importowa - Exportowa
Chemikali), Poland
- **CIPLA, India
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **ICI Bangladesh Manufacturers Ltd.,
Bangladesh
- *ICI Pharmaceuticals, United Kingdom
- **Knoll AG, F.R. Germany
- **Kothari Phytochemicals International,
India
- **Omnichem S.A., Belgium
- *PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
- *Progressive Associates Ltd., Pakistan
- **Sanofi Chimie, France
- *Selectchemie AG, Switzerland
- **Sibefat S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Società Italiana Medicinali Sczndicci
(S.I.H.S.), Italy
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

PROPYLIDONE

- **Macfarlan Smith Limited, United Kingdom

PROPYLTHIOURACIL

- *Browning Chemical Corporation, USA
- Chemische Fabrik Berg GmbH, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Dolder Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

PROTAMINE SULFATE

- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Novo Industri A/S, Denmark
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

PYRAMTEL EMBONATE

- "A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- **BASF AG, F.R. Germany
- "Dolder Ltd., Switzerland
- "Helm AG, F.R. Germany
- **Pharmachim, Bulgaria
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany
- "Technochem Inc., USA
- "Trans-Medica Ges.m.b.H., F.R. Germany

PYRAZINAMIDE

- "Acic Ltd., Canada
- "Avrachim AG, Switzerland
- "Biochemie Ges.m.b.H., Austria
- **Bracco Industria Chimica S.p.A., Italy
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- **Continental Pharma Inc., Belgium
- "Dolder Ltd., Switzerland
- "K&K-Greeff Limited, United Kingdom
- "Harbottle (Pharmaceuticals) Ltd., United Kingdom
- "Helm AG, F.R. Germany
- "ICC Handels GmbH., F.R. Germany
- "Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- "Progressive Associates Ltd., Pakistan
- "Selectchemie AG, Switzerland
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany
- "S.S.T. Corporation, USA
- "Trans-Medica Ges.m.b.H., F.R. Germany
- "Welding GmbH & Co., F.R. Germany

PYRIDOSTIGMINE BROMIDE

- "Avrachim AG, Switzerland
- "Dott. Bonapace & C. S.p.A., Italy
- "Browning Chemical Corporation, USA
- "Dolder Ltd., Switzerland
- Hoffmann-La Roche, Switzerland
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany

PYRIDOXINE HYDROCHLORIDE

- "American Roland Corporation, USA
- "Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- "Dolder Ltd., Switzerland
- "Ferro Metal and Chemical Corp. Ltd., United Kingdom
- "K&K-Greeff Limited, United Kingdom

PYRIDOXINE HYDROCHLORIDE (cont'd)

- "Harbottle (Pharmaceuticals) Ltd., United Kingdom
- "Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- **Indian Drugs & Pharmaceuticals Ltd. India
- **Lupin Laboratories Ltd., India
- "Marsing & Co. Ltd. A/S, Denmark
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- **Pliva (Pharmaceutical, Chemical, Food and Cosmetic Industry), Yugoslavia
- "Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany
- "S.S.T. Corporation, USA
- **Takeda Chemical Industries Ltd., Japan
- "Technochem Inc., USA
- "Trans-Medica Ges.m.b.H., F.R. Germany

PYRIMETHAMINE

- "Avrachim AG, Switzerland
- "Dolder Ltd., Switzerland
- "Harbottle (Pharmaceuticals) Ltd., United Kingdom
- "Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- "Marsing & Co. Ltd. A/S, Denmark
- "Progressive Associates Ltd., Pakistan
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany
- "Trans-Medica Ges.m.b.H., F.R. Germany
- "Welding GmbH & Co., F.R. Germany
- "The Wellcome Foundation Ltd., United Kingdom

QUINIDINE SULFATE

- ACF Chemie BV, The Netherlands
- "Avrachim AG, Switzerland
- "Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Cipla Ltd., India
- "Compania Universal de Industrias, S.A. de C.V., Mexico
- "Flavine International Inc., USA
- "Harbottle (Pharmaceuticals) Ltd., United Kingdom
- "Helm AG, F.R. Germany
- "Marsing & Co. Ltd. A/S, Denmark
- "E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- "Siemsglüss & Sohn GmbH & Co., F.R. Germany
- "S.S.T. Corporation, USA
- "Trans-Medica Ges.m.b.H., F.R. Germany

QUININE BISULFATE

- ACF Chemie BV, The Netherlands
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

QUININE SULFATE

- ACF Chemie BV, The Netherlands
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

QUININE DIHYDROCHLORIDE

- ACF Chemie BV, The Netherlands
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

RABIES VACCINE

- **Behringwerke AG, F.R. Germany
- **Biologicals Production Service, Philippines
- **Central Research Institute, India
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
- Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institut Pasteur de Dakar, Senegal
- Instituto de Salud Publica de Chile
- **Laborat GmbH., F.R. Germany
- *Medexport, USSR
- *The National Bacteriological Laboratory, Sweden
- **National Institute of Health, Pakistan
- **Rhône-Poulenc Santé, France
- Perum Bio Farma (Pasteur Institute), India
- **Swiss Serum and Vaccine Institute, Switzerland

RESERPINE

- *Acic Ltd., Canada
- **Andard-Mount Co. Ltd., United Kingdom
- *Dolder Ltd., Switzerland
- **Indena S.p.A., Italy
- *K&K-Greeff Limited, United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Thomson and Joseph Ltd., United Kingdom
- *Trans-Medica Ges.m.b.H., F.R. Germany

RETINOL PALMITATE

- *Alembic, United Kingdom
- **BASF AG, F.R. Germany
- *Byron Chemical Company, Inc., USA
- **Danochemo A/S, Denmark
- **Hoffmann-La Roche, Switzerland
- *E. Merck, F.R. Germany
- *Pfizer Int., USA
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

RIBOFLAVIN

- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Browning Chemical Corporation, USA

RIBOFLAVIN (cont'd)

- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- *E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *S.S.T. Corporation, USA
- **Takeda Chemical Industries Ltd., Japan
- *Technochem Inc., USA
Tokyo Tanabe Co., Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany

RIFAMPICIN

- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chong Kun Dang Corporation,
Rep. of Korea
CIECH (Centrala Importowa - Exportowa
Chemikali), Poland
- *CIPAK (Companhia Industria' Productora
de Antibioticos), S.A., Portugal
- **CIPLA, India
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
Fermic, S.A. de C.V., Mexico
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- **Lupin Laboratories Ltd., India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Merrell Dow Pharmaceuticals AG,
Switzerland
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria

RIFAMPICIN (cont'd)

- *Progressive Associates Ltd., Pakistan
- **Rexolin Chemicals AB, Sweden
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- **Solchem Italiana S.p.A., Italy
SPA. (Società Prodotti Antibiotici
S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany

RUBELLA VACCINE

- *Behringwerke AG, F.R. Germany
- *Commonwealth Serum Labs., Australia
- *Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- *The National Bacteriological Laboratory,
Sweden
- **Smith Kline RIT S.A., Belgium
- **Swiss Serum and Vaccine Institute,
Switzerland
- **The Wellcome Foundation Ltd.,
United Kingdom

SALBUTAMOL SULFATE

- *Abic Ltd., Israel
- *Avrachim AG, Switzerland
- *Be-pharm Limited, United Kingdom
- *Dott. Bonapace & C. S.p.A., Italy
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **The Fairdeal Corporation (Pvt.) Ltd.,
India
- **FDC Private Ltd., India
- **Glaxochem Limited, Sefton Division,
United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Huhtamäki Oy Leiras, Finland
- **Industria Chimica Profarmaco S.p.A.,
Italy
- **Industria Química Andina y Cia. S.A.,
Colombia
- **Industrie Chimiche Farmaceutiche
Italiane (I.C.F.I.), Italy
Interquim, S. Spain
- *Nukem Chemical Industries Ltd., India
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan

SALBUTAMOL SULFATE (cont'd)

- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

SALICYLIC ACID

- **Alta Laboratories Private Ltd., India
- **The Andhra Sugars Ltd., India
- *Biochemie Ges.m.b.H., Austria
- **Chemische Fabrik Aubing GmbH.,
F.R. Germany
- *Lars Christensen Chemicals ApS, Denmark
- CIECH (Centrala In Portowa - Exportowa
Chemikarii), Poland
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Graesser Laboratories Limited,
United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *E. Merck, F.R. Germany
- **Merrell Dow Pharmaceuticals AG,
Switzerland
- **Monsanto Company, USA
- *Nipa Laboratories Ltd., United Kingdom
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- **Salicilatos de Mexico, S.A., Mexico
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

SENNA LEAF

- **Andard-Mount Co. Ltd., United Kingdom
- **Cipla Ltd., India
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Huhtamäki Oy Pharmaceuticals, Finland
- Sandoz Ltd., Switzerland

SILVER NITRATE

- *Dolder Ltd., Switzerland
- *Flavine International Inc., USA
- **Laborat GmbH., F.R. Germany
- **E. Merck, F.R. Germany
- **Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SILVER SULFADIAZINE

- *Abic Ltd., Israel
- ACF Chemie BV, The Netherlands
- *Avrachim AG, Switzerland
- *Byron Chemical Company, Inc., USA
- *Helm AG, F.R. Germany
- **Hüls America Inc., USA
- *Marsing & Co. Ltd. A/S, Denmark
- **Napp Chemicals Inc., USA
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SODIUM BICARBONATE

- *Browning Chemical Corporation, USA
- *Lars Christensen Chemicals ApS, Denmark
- *Compania Universal de Industrias, S.A.
de C.V., Mexico
- *Helm AG, F.R. Germany
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- *E. Merck, F.R. Germany
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SODIUM CALCIUM EDETATE

- **A.M.S.A. (Anonima Materie Sintetiche
& Affini) S.p.A., Italy
- *Browning Chemical Corporation, USA
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SODIUM CHLORIDE

- *Browning Chemical Corporation, USA
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- *Jeil Pharmaceutical Co. Ltd.,
Rep. of Korea
- **Dr. Paul Lohmann GmbH. KG
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SODIUM CITRATE

- **G. Anphray Laboratories, India
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA

SODIUM CITRATE (cont'd)

- **Compania Universal de Industrias, S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- **Dr. Paul Lohmann GmbH. KG
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

SODIUM CROMOGLICATE

- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Egis Pharmaceuticals, Hungary
- *Helm AG, F.R. Germany
- **Industria Chimica Profarmaco S.p.A., Italy
- **Sibefat S.p.A., Italy

SODIUM FLUORIDE

- *Browning Chemical Corporation, USA
- *Lars Christensen Chemicals ApS, Denmark
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- **E. Merck, F.R. Germany
- **Quirios Produtos Químicos Ltda., Brazil
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Technochem Inc., USA

SODIUM FOLATE

- **Hüls America Inc., USA

SODIUM LACTATE

- **Boehringer Ingelheim KG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- **Dr. Paul Lohmann GmbH. KG
- *E. Merck, F.R. Germany
- Pfanstiehl Laboratories, Inc., USA
- **Sanofi Chimie, France

SODIUM NITRITE

- *Biochemie Ges.m.b.H., Austria
- *Lars Christensen Chemicals ApS, Denmark
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

SODIUM NITROPRUSSIDE

- **Andard-Mount Co. Ltd., United Kingdom
- **E. Merck, F.R. Germany
- **Pharmachim, Bulgaria

SODIUM STIBOGLUCONATE

- **The Wellcome Foundation Ltd., United Kingdom

SODIUM THIOSULFATE

- *Lars Christensen Chemicals ApS, Denmark
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- **Hoechst AG, F.R. Germany
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

SODIUM VALPROATE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- *Byron Chemical Company, Inc., USA
- **Chemische Fabrik Berg GmbH, F.R. Germany
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- *K&K-Greeff Limited, United Kingdom
- **Grindsted Products A/S, Denmark
- *Helm AG, F.R. Germany
- **Hüls America Inc., USA
- **Sanofi Chimie, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

SPECTINOMYCIN HYDROCHLORIDE

- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

SPIRONOLACTONE

- **A.M.S.A. (Anonima Materie Sintetiche & Affini) S.p.A., Italy
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemical Works of Gedeon Richter Ltd., Hungary
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- **Gist-brocades, Netherlands
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **Hüls Troisdorf AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- **G.D. Searle & Co., USA
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- SPA. (Società Prodotti Antibiotici S.p.A., Italy
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

STREPTOMYCIN

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chinoïn Pharmaceutical and Chemical Works Ltd., Hungary
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *Glaxochem Limited, Sefton Division, United Kingdom
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- *Hoechst AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India

STREPTOMYCIN (cont'd)

- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Synbiotics Ltd., India
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

SULFACETAMIDE SODIUM

- *Avrachim AG, Switzerland
- *Compania Universal de Industrias, S.A. de C.V., Mexico
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Napp Chemicals Inc., USA
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

SULFADIMIDINE

- Alkaloida Chemical Factory, Hungary
- *G. Amphray Laboratories, India
- *Atul Products Ltd., India
- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- *China National Corporation of Pharmaceutical Industry, P.R. China
- CIECH (Centrala Importowa - Exportowa Chemikali), Poland
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- **Grindsted Products A/S, Denmark
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India

SULFADIMIDINE (cont'd)

- *Marsing & Co. Ltd. A/S, Denmark
- *May & Baker (Exports) Ltd.,
United Kingdom
- *Medexport, USSR
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Pharmachim, Bulgaria
- **Pliva (Pharmaceutical, Chemical, Food
and Cosmetic Industry), Yugoslavia
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

SULFADOXINE

- *Avrachim AG, Switzerland
- *Browning Chemical Corporation, USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

SULFAMETHOXAZOLE

- **Andard-Mount Co. Ltd., United Kingdom
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- **Chong Kun Dang Corporation,
Rep. of Korea
- **Cipla Ltd., India
- *Dolder Ltd., Switzerland
- **Egis Pharmaceuticals, Hungary
- **El-Nasr Pharmaceutical Chemicals Co.,
Egypt
- **The Fairdeal Corporation (Pvt.) Ltd.,
India
- **Fako Ilıçları A.S., Turkey
- *Ferro Metal and Chemical Corp. Ltd.,
United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd.
India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- **Napp Chemicals Inc., USA
- **Nukem Chemical Industries Ltd., India

SULFAMETHOXAZOLE (cont'd)

- **Pharmachim, Bulgaria
- *PhibroChem, a Division of Philipp
Brothers Chemicals, Inc., USA
- **Pliva (Pharmaceutical, Chemical, Food
and Cosmetic Industry), Yugoslavia
- *Progressive Associates Ltd., Pakistan
- **Sanofi Chimie, France
- **Shionogi & Co., Ltd., Japan
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

SULFASALAZINE

- ACF Chemie BV, The Netherlands
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Global Chemical Co. Inc., USA
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- **Schering AG, F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- Sterling Organics Ltd., United Kingdom
- *Technochem Inc., USA

SURAMIN SODIUM

- **Bayer AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

SUXAMETHONIUM CHLORIDE

- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany

TAMOXIFEN CITRATE

- *Avrachim AG, Switzerland
- *Becpharm Limited, United Kingdom
- **Biofarma S.A., Argentina
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Chemapol Ltd., CSSR
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Egis Pharmaceuticals, Hungary
- **Farnos Group Ltd., Finland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom

TAMOXIFEN CITRATE (cont'd)

- *Helm AG, F.R. Germany
- **Huhtamäki Oy Leiras, Finland
- *ICI Pharmaceuticals, United Kingdom
- *K&K-Greeff Limited, United Kingdom
- **Laboratori Mag S.p.A., Italy
- **Macfarlan Smith Limited, United Kingdom
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- *PhibroChem, a Division of Philipp Brothers Chemicals, Inc., USA
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

TESTOSTERONE ENANTATE

- **Andard-Mount Co. Ltd., United Kingdom
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Diosynth B.V., The Netherlands
- *Dolder Ltd., Switzerland
- **Gist-brocades, Netherlands
- *K&K-Greeff Limited, United Kingdom
- *M-rsing & Co. Ltd. A/S, Denmark
- *Mitsubishi Chemical Industries Ltd., Japan
- *Progressive Associates Ltd., Pakistan
- *Roussel Corporation, USA
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

TETANUS ANTITOXIN

- **Behringwerke AG, F.R. Germany
- **Bengal Immunity Ltd, India
- **Central Research Institute, India
- **Commonwealth Serum Labs., Australia
- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
- *Medexport, USSR
- *Medimpex, Hungary
- **Quimsi, S.A. de C.V., Mexico
Perum Bio Farma (Pasteur Institute),
India
- **Rhône-Poulenc Santé, France
- **Swiss Serum and Vaccine Institute,
Switzerland

TETANUS ANTITOXIN, HUMAN

- **Behringwerke AG, F.R. Germany
- **Biologicals Production Service,
Philippines
- **Commonwealth Serum Labs., Australia
- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
Instituto de Salud Publica de Chile
- *Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **Serotherapeutisches Institut Wien AG,
Austria
- **Swiss Serum and Vaccine Institute,
Switzerland

TETANUS VACCINE

- **Behringwerke AG, F.R. Germany
- **Bengal Immunity Ltd, India
- **Biologicals Production Service,
Philippines
- **Central Research Institute, India
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Armand-Frappier, Canada
- **Institut Mérieux, France
- **Institute of Immunology, Yugoslavia
Instituto de Salud Publica de Chile
- *Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
Perum Bio Farma (Pasteur Institute),
India
- **Rhône-Poulenc Santé, France
- **Smith Kline PIT S.A., Belgium
- **Swiss Serum and Vaccine Institute,
Switzerland
- **The Wellcome Foundation Ltd.,
United Kingdom

TETRACAINE HYDROCHLORIDE

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- **Hoechst AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Siemsglüss & Sohn GmbH & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

TETRACYCLINE HYDROCHLORIDE

- ANSA (Antibiotics and Pharmaceutical Raw Materials Industrijs., Turkey
- *Avrachim AG, Switzerland
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland
- **Chong Kun Dang Corporation, Rep. of Korea
- **CIPAN (Companhia Industrial Productora de Antibioticos, S.A., Portugal Cyanamid Italia S.p.A., Italy
- **Deva Holding A.S., Turkey
- *Dolder Ltd., Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- Fermic, S.A. de C.V., Mexico
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Pharmachim, Bulgaria
- *Progressive Associates Ltd., Pakistan
- **Proter S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- **Synbiotics Ltd., India
- *Trans-Medica Ges.m.b.H., F.R. Germany

THIAMINE HYDROCHLORIDE

- *American Roland Corporation, USA
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- **Bayer AG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- **Hüls Troisdorf AG, F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India

THIAMINE HYDROCHLORIDE (cont'd)

- *Jeil Pharmaceutical Co. Ltd., Rep. of Korea
- **Lonza Ltd., Switzerland
- *Marsing & Co. Ltd. A/S, Denmark
- **E. Merck, F.R. Germany
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- **Takeda Chemical Industries Ltd., Japan
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Welding GmbH & Co., F.R. Germany

THIOACETAZONE

- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- **Indian Drugs & Pharmaceuticals Ltd. India
- Kemwell Pvt. Ltd., India
- *Progressive Associates Ltd., Pakistan
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

THIOPENTAL SODIUM

- **Biochemie Ges.m.b.H., Austria
- *Dolder Ltd., Switzerland
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Marsing & Co. Ltd. A/S, Denmark
- **May & Baker (Exports) Ltd., United Kingdom
- *Progressive Associates Ltd., Pakistan
- **Rhône-Poulenc Santé, France
- Sandoz Ltd., Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

TIABENDAZOLE

- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- **Pharmachim, Bulgaria
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

TRIMOL MALEATE

- **A.M.S.A. (Anonima Materie Sintetice & Affini) S.p.A., Italy
- **Bioindustria Farmaceutici S.p.A., Italy
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- *Byron Chemical Company, Inc., USA
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Huhtamäki Oy Leiras, Finland
- *Selectchemie AG, Switzerland
- **Sibefat S.p.A., Italy
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany

TOLBUTAMIDE

- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- **Chinoïn Pharmaceutical and Chemical Works Ltd., Hungary
- **CIECH (Centrala Importowa - Exportowa Chemikalii), Poland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Kothari Phytochemicals International, India
- **KRKA, Yugoslavia
- *Marsing & Co. Ltd. A/S, Denmark
- *Medexport, USSR
- *PhibroChem, a Division of Philipp Brothers Chemicals, Inc., USA
- *Roussel Corporation, USA
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- **Sociedad Mexicana de Quimica Industrial, S.A., Mexico
- *Technochem Inc., USA

TRIMETHOPRIM

- **G. Amphray Laboratories, India
- **Andard-Mount Co. Ltd., United Kingdom
- **Andeno B.V., The Netherlands
- *Avrachim AG, Switzerland
- **BASF AG, F.R. Germany
- *Becpharm Limited, United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Dott. Bonapace & C. S.p.A., Italy
- *Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS), Switzerland

TRIMETHOPRIM (cont'd)

- **Chong Kun Dang Corporation, Rep. of Korea
- **Cipla Ltd., India
- Egis Pharmaceuticals, Hungary
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- **Fabbrica Italiana Sintetici (F.I.S.) S.p.A., Italy
- **Fako Ilıgları A.S., Turkey
- **FDC Private Ltd., India
- *Ferro Metal and Chemical Corp. Ltd., United Kingdom
- *Flavine International Inc., USA
- *Global Chemical Co. Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoffmann-La Roche, Switzerland
- **Hüls Troisdorf AG, F.R. Germany
- *ICC Handels GmbH., F.R. Germany
- **Indian Drugs & Pharmaceuticals Ltd. India
- **Lupin Laboratories Ltd., India
- *Marsing & Co. Ltd. A/S, Denmark
- *Medimpex, Hungary
- *Medimpex Italia S.r.l., Italy
- **Napp Chemicals Inc., USA
- **Pharmachim, Bulgaria
- *PhibroChem, a Division of Philipp Brothers Chemicals, Inc., USA
- **Sanofi Chimie, France
- *Siemsglüss & Sohn GmbH & Co., F.R. Germany
- *S.S.T. Corporation, USA
- *Technochem Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Velding GmbH & Co., F.R. Germany
- **The Wellcome Foundation Ltd., United Kingdom

TROPICAMIDE

- **Egis Pharmaceuticals, Hungary
- **Orphahell B.V., The Netherlands
- **Teva Pharmaceutical Industries Ltd., Israel
- **Tokyo Kasei Kogyo Co., Ltd., Japan

TUBERCULIN, PURIFIED PROTEIN DERIVATIVE (PPD)

- **Behringwerke AG, F.R. Germany
- **Biologicals Production Service, Philippines
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada

TUBERCULIN, PURIFIED PROTEIN
DERIVATIVE (PPD) (cont'd)

- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Mérieux, France
- **Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
- **Serotherapeutisches Institut Wien AG,
Austria

TYPHOID VACCINE

- **Behringwerke AG, F.R. Germany
- **Bengal Immunity Ltd, India
- **Biologicals Production Service,
Philippines
- **Central Research Institute, India
- **Commonwealth Serum Labs., Australia
- **Connaught Laboratories Ltd., Canada
- **Hoechst AG, F.R. Germany
Human Institute for Serobacteriological
Production and Research, Hungary
- **Institut Mérieux, France
Instituto de Salud Publica de Chile
- **Medimpex, Hungary
- **The National Bacteriological Laboratory,
Sweden
- **National Institute of Health, Pakistan
Perum Bio Farma (Pasteur Institute),
India
- **The Wellcome Foundation Ltd.,
United Kingdom

VERAPAMIL HYDROCHLORIDE

- **Avrachim AG, Switzerland
- **Dott. Bonapace & C. S.p.A., Italy
- **Browning Chemical Corporation, USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Chinoïn Pharmaceutical and
Chemical Works Ltd., Hungary
- **Dolder Ltd., Switzerland
- **Flavine International Inc., USA
- **K&K-Greeff Limited, United Kingdom
- **Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Helm AG, F.R. Germany
- **Kamwell Pvt. Ltd., India
- **Knoll AG, F.R. Germany
- **Marsing & Co. Ltd. A/S, Denmark
- **Medimpex, Hungary
- **Omnichem S.A., Belgium
- **Progressive Associates Ltd., Pakistan
- **G.D. Searle & Co., USA

VERAPAMIL HYDROCHLORIDE (cont'd)

- **Sibefat S.p.A., Italy
- **Siemsglücks & Sohn GmbH & Co.,
F.R. Germany
- **S.S.T. Corporation, USA
- **Technochem Inc., USA
- **Trans-Medica Ges.m.b.H., F.R. Germany

VINBLASTINE SULFATE

- **Andard-Mount Co. Ltd., United Kingdom
- **Avrachim AG, Switzerland
- **Browning Chemical Corporation, USA
- **Byron Chemical Company, Inc., USA
- **Chemical Works of Gedeon Richter Ltd.,
Hungary
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- **Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Indena S.p.A., Italy
- **Medimpex, Hungary
- **Omnichem S.A., Belgium
- **Siemsglücks & Sohn GmbH & Co.,
F.R. Germany

VINCRIStINE SULFATE

- **Abic Ltd., Israel
- **Andard-Mount Co. Ltd., United Kingdom
- **Avrachim AG, Switzerland
- **Browning Chemical Corporation, USA
- **Byron Chemical Company, Inc., USA
- **Chemical Works of Gedeon Richter Ltd.,
Hungary
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- **Flavine International Inc., USA
- **Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Indena S.p.A., Italy
- **Marsing & Co. Ltd. A/S, Denmark
- **Medimpex, Hungary
- **Omnichem S.A., Belgium
- **Siemsglücks & Sohn GmbH & Co.,
F.R. Germany
- **Trans-Medica Ges.m.b.H., F.R. Germany

WARFARIN SODIUM

- **Byron Chemical Company, Inc., USA
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Dolder Ltd., Switzerland
- **Marsing & Co. Ltd. A/S, Denmark
- **K&K-Greeff Limited, United Kingdom
- **Siemsglücks & Sohn GmbH & Co.,
F.R. Germany

YELLOW FEVER VACCINE

- **Behringwerke AG, F.R. Germany
- **Central Research Institute, India
- **Commonwealth Serum Labs., Australia
- *Connaught Laboratories Ltd., Canada
- **Institut Mérieux, France
- **Institut Pasteur de Dakar, Senegal
- *Jeil Pharmaceutical Co. Ltd.,
 Rep. of Korea
- *Medexport, USSR
- *The National Bacteriological Laboratory,
 Sweden
- *Siemglüss & Sohn GmbH & Co.,
 F.R. Germany
- **The Wellcome Foundation Ltd.,
 United Kingdom

SECTION II: MANUFACTURERS/SUPPLIERS OF RAW MATERIALS/CHEMICAL INTERMEDIATES

ACETALDOXIME

(Product: Salbutamol)

- *Selectchemie AG, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan

ACETAMIDE

(Product: Thiamine)

- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Novione Sociedade Quimica, Lda., Portugal
- **Riedel-de Haën, F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

4-ACETAMIDOPHENOL

(Product: Amodiaquine)

- **Bayer AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **Seven Star Pharmaceutical Co. Ltd., Taiwan
- **Sterling Organics Ltd., United Kingdom

ACETANILIDE

- **ACMA Chimica Organica S.p.A., Italy
- **Bayer AG, F.R. Germany
- **Chemische Fabrik Aubing, F.R. Germany
- **China National Corporation of Pharmaceutical Industry, P.R. China
- **CIECH (Centrala Importowa-Eksportowa Chemikalii), Poland
- *Compania Universal de Industrias S.A. de C.V., Mexico
- *Helm AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd., India
- *Industria GMB, Spain
- *Lancaster Synthesis Ltd., United Kingdom
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co., F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- *Technochem, Inc., USA
- *Trans-Medica Ges.m.b.H., F.R. Germany

ACETIC ANHYDRIDE

(Product: Acetylsalicylic acid)

- *G. Amphray Laboratories, India
- **The Andhra Sugars Ltd., India
- **B.P. Chemicals Ltd., United Kingdom
- *Compania Universal de Industrias S.A. de C.V., Mexico
- **Eastman Chemical International AG, Switzerland
- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd., India
- **Lonza Ltd., Switzerland
- *E. Merck, F.R. Germany
- **Rhône-Poulenc Santé, France
- **Salicilatos de Mexico, S.A., Mexico
- *Dr. Theodor Schuchardt & Co., F.R. Germany
- *Seven Star Pharmaceutical Co., Taiwan
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- *Sree Krishna Pharmaceuticals Pvt. Ltd., India
- **Triochem Products Ltd., India
- **Wacker-Chemie GmbH., F.R. Germany

ACETYL ACETONE

(Product: Sulphadimidine, etc.)

- *Aceto Chemicals, USA
- *Courtland Fibres Ltd., United Kingdom
- **Indian Drugs and Pharmaceuticals Ltd., India
- *Dr. Theodor Schuchardt & Co., F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- **Wacker-Chemie GmbH., F.R. Germany

ACETYSULPHANILIC CHLORIDE

(Product: Sulphamethoxazole)

- **Bayer AG, F.R. Germany
- *Helm AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd., India
- *May & Baker Ltd., United Kingdom
- **Rhône-Poulenc Santé, France
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-AMINOBENZOYL L-GLUTAMIC ACID

(Product: Folic acid)

- **Indian Drugs and Pharmaceuticals Ltd.,
India
- **Senn Chemicals, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan

(DL)-2-AMINO-1-BUTANOL

(Product: Ethambutol)

- *Angus Chemie, F.R. Germany
- **BASF AG, F.R. Germany
- *Dolder Ltd., Switzerland
- *Farchemia S.p.A., Italy
- **Lupin Laboratories Pvt. Ltd., India
- **Pharmachem, India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany

3-AMINO-4-CARBETHOXYPIRAZOLE

(Product: Allopurinol)

- **Chemie Linz AG, Austria
Egis Pharmaceuticals, Hungary
- **Hoechst AG, F.R. Germany
- **Siegfried AG, Switzerland
- *Trans-Medica Ges.m.b.H., F.R. Germany

2-AMINO-5-CHLOROBENZOPHENONE

(Product: Diazepam)

- **Calaire Chimie S.N.C., France
- **Chemie Linz AG, Austria
- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- **The Fairdeal Corporation (Private)
Ltd., India
- *Lancaster Synthesis Ltd., United Kingdom
- *Sandoz Ltd., Switzerland
- *Sankyo Co., Ltd., Japan
- *S.S.T. Corporation, USA
- **Technochemie GmbH., F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

1-AMINO-3-METHYLAMINOPROPANE

(Product: Pyrantel)

- *Angus Chemie Ges.m.b.H., F.R. Germany
- **BASF AG, F.R. Germany

3-AMINO-5-METHYL-ISOXAZOLE

(Product: Sulphamethoxazole)

- **CIPLA, India
- *Dolder Ltd., Switzerland
- **The Fairdeal Corporation (Private)
Ltd., India
- **Hoechst AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- **Wacker-Chemie GmbH., F.R. Germany

6-AMINOPENICILLANIC ACID

(Product: Ampicillin, Cloxacillin)

- **Antibioticos S.A., Spain
- *Avrachim AG, Switzerland
- **Bayer AG, F.R. Germany
- **Beecham Pharmaceuticals, United Kingdom
- **Biochemie Ges.m.b.H., Austria
- *Chemapol Ltd., Czechoslovakia
- **CIBRAN, Brazil
- **CIECH (Centrala Importowo-Eksportowa
Chemikalii), Poland
- **CIPAN (Companhia Industrial produtora
de Antibioticos) S.A., Portugal
- *Dolder Ltd., Switzerland
- **Fako Ilaçlari A.S., Turkey
- **Flamma S.p.A., Italy
- **Gist-brocades, Netherlands
- *Helm AG, F.R. Germany
- **Hindustan Antibiotics Ltd., India
- **Hoechst AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- **ISF S.p.A., Italy
- **Meji Seika Kaisha, Ltd., Japan
- **Mustafa Nevzat Ilac Sanayii A.S., Turkey
- **Pharmachem, India
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Sintesis Química S.A., Peru
- **Squibb S.p.A., Italy
- *Trans-Medica Ges.m.b.H., F.R. Germany

P-AMINOPHENOL

(Product: Paracetamol)

- **ACNA Chimica Organica S.p.A., Italy
- **Alta Laboratories Private Ltd., India
- **Bayer AG, F.R. Germany
- **Compania Universal de Industrias S.A.
de C.V., Mexico
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *E. Merck, F.R. Germany

P-AMINOPHENOL (cont'd)

- **Rhône-Poulenc Santé, France
- **Salicilatos de Mexico, S.A., Mexico
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Seven Stars Pharmaceutical Co., Taiwan
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

P-AMISIDINE

(Product: Primaquine)

- **ACNA Chimica Organica S.p.A., Italy
- **Bayer AG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

BENZALPHALIDE

(Product: Amitriptyline)

- *Calaire Chimie S.N.C., France

BENZYL BENZOATE

(Product: Phenytoin)

- **Andeno B.V., The Netherlands
- **Bush Boake Allen, United Kingdom
- *D & O Chemicals, Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *E. Merck, F.R. Germany
- **Pentagon Chemicals Ltd., United Kingdom
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Technochem, Inc., USA
- *Thames Chemicals, United Kingdom
- **Tokyo Kasei Kogyo Co., Ltd., Japan

BENZYL CYANID

(Product: Phenobarbital)

- **Bayer AG, F.R. Germany
- **Laboratorio Industrial de Sintesis
Organica, Spain
- *E. Merck, F.R. Germany
- **Rhône-Poulenc Santé, France
- **Rexolin Chemicals AB, Sweden

N-BENZYL-TERT-BUTYLAMINE

(Product: Salbutamol)

- **Hexcel Corporation, USA
- *Selectchemie AG, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- **Ward Blenkinsop & Co. Ltd.,
United Kingdom

CHLORAL

(Product: Metrifonate)

- *Brenneri Chemische Werke, F.R. Germany
- *Compania Universal de Industrias S.A.
de C.V., Mexico
- **Kureha Chemical Industry Co., Ltd.,
Japan
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

CHLOROACETYL CHLORIDE

(Product: Diazepam)

- *BDH Chemicals Ltd., United Kingdom
- *D & O Chemicals, Inc., USA
- *E. Merck, F.R. Germany
- **Monsanto Chemical Company, USA
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-CHLORANILINE

(Product: Chlorhexidine)

- **ACNA Chimica Organica S.p.A., Italy
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **ICI Colours and Fine Chemicals,
United Kingdom
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

M-CHLOROANILINE

(Product: Chloroquine Phosphate)

- **ACNA Chimica Organica S.p.A., Italy
- *Helm AG, F.R. Germany
- **Hickson & Welch Ltd., United Kingdom
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-CHLOROANTHRANILIC ACID

(Product: Furosemide)

- *Helm AG, F.R. Germany
- **Ihara Chemical Industry Co. Ltd., Japan
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-CHLOROBENZOYL CHLORIDE

(Product: Indometacin)

- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **I.C.F.I. (Industrie Chimiche
Farmaceutiche Italiane S.p.A., Italy
- **Ihara Chemical Industry Co. Ltd., Japan
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-CHLORONITROBENZENE

(Product: Dapsone)

- **Bayer AG, F.R. Germany
- *BDH Chemicals Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- **ICI Colours and Fine Chemicals,
United Kingdom
- **Industrie Chimique Mulhouse Dornach,
France
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

3-(O-CHLOROPHENYL)-5-METHYL-
4-ISOXAZOLE-CARBONYL CHLORIDE

(Product: Cloxacillin)

- **Recordati Industria Chimica e
Farmaceutica S.p.A., Italy
- *S.S.T. Corporation, USA
- **Ward Blenkinsop & Co. Ltd.,
United Kingdom

N-CHLOROSUCCINIMIDE

(Product: Doxycycline)

- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Hovione Sociedade Química, Lda.,
Portugal
- *Lancaster Synthesis Ltd., United Kingdom
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

CHLOROSULPHONIC ACID

(Product: Furosemide)

- *Helm AG, F.R. Germany
- *Sankyo Co., Ltd. Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

CYANOACETIC ACID

(Product: Azathioprim)

- **Hüls Troisdorf AG, F.R. Germany

4-CYANOPYRIDINE

(Product: Isoniazid)

- **Degussa AG, F.R. Germany
- **Degussa Antwerpen N.V., Belgium
- *Helm AG, F.R. Germany
- **Knoll AG, F.R. Germany
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

CYCLOHEXANECARBONYL CHLORIDE

(Product: Praziquantel)

- *Hovione Sociedade Química, Lda.,
Portugal
- **Produits chimiques auxiliaires et
de synthesis, France
- **Tokyo Kasei Kogyo Co., Ltd., Japan

3,4-DIAMINOBENZOPHENONE

(Product: Mebendazole)

- **Atul Product Ltd., India
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- **The Fairdeal Corporation (Private)
Ltd., India
- **I.C.F.I. (Industrie Chimiche
Farmaceutiche Italiane S.p.A., Italy
- **Janssen Pharmaceutica, Belgium
- *Lancaster Synthesis Ltd., United Kingdom
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

2,4-DIAMINO-6-HYDROXYPYRIMIDINE

(Product: Folic acid)

- **Boehringer Ingelheim KG, F.R. Germany
- **Chemische Fabrik Berg GmbH.,
F.R. Germany
- **Hüls Troisdorf AG, F.R. Germany
- Indian Drugs and Pharmaceuticals Ltd.,
India
- Lonza Ltd., Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *United States Biochemical Corporation,
USA

DIBENZOSUBERENONE

(Product: Amitriptyline)

- **Calaire Chimie S.N.C., France
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Lancaster Synthesis Ltd., United Kingdom
- **Sandoz Ltd., Switzerland
- **Siegfried AG, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan

1,4-DIBROMOPENTANE

(Product: Primaquine)

- *Fairfield Chemical Company, USA
- **Tokyo Kasei Kogyo Co., Ltd., Japan

2,3-DIBROMOPROPIONALDEHYDE

(Product: Folic acid)

- *United States Biochemical Corporation,
USA

2,4-DICHLOROBENZOIC ACID

(Product: Furosemide)

- **Ihara Chemical Industry Co. Ltd., Japan

4,4-DICHLORODIPHENYL SULFONE

(Product: Dapsone)

- **ICI Colours and Fine Chemicals,
United Kingdom
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

4,7-DICHLOROQUINOLINE

(Product: Amodiaquine,
Chlorophine phosphate)

- Alkaloida Chemical Factory, Hungary
- **Bengal Immunity Ltd., India
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **ICI Colours and Fine Chemicals,
United Kingdom
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- *Lancaster Synthesis Ltd., United Kingdom
- *Medimpex, Hungary
- **Ranbaxy Laboratories Ltd., India
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

4,6-DICHLOR-3-SULFAMOYL BENZOIC ACID

(Product: Furosemide)

- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- *Interior S.A., France
- *Rhoner AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

DICYANDIAMIDE

(Product: Sulphadimidine)

- *Becpharm Ltd., United Kingdom
- *Lars Christensen Chemicals ApS, Denmark
- *Helm AG, F.R. Germany
- *Odda, Norway
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- **SKW AG, F.R. Germany

1 DIETHYLAMINO 4-AMINO-PENTANE

(NOVALDIAMINE)

(Product: Chloroquine phosphate)

- **BASF AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- Sterling Organics Ltd., United Kingdom
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *Trans-Medica Ges.m.b.H., F.R. Germany

N,N-DIETHYLCARBAMOYL CHLORIDE

(Product: Diethylcarbamazine)

- **G. Ampray Laboratories, India
- **BASF AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

DIETHYLETHOXYMETHYLENEMALONATE

(Product: Chloroquine phosphate)

- **Hüls America Inc., USA
- **Hüls Troisdorf AG, F.R. Germany
- **Rhône-Poulenc Santé, France
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

3,4-DIMETHOXYPHENYLACETONE

(Product: Carbidopa, Dopamine,
Methyl dopa)

- *ASAP S.p.A., Italy
- *Calaire Chimie S.N.C., France
- **Knoll AG, F.R. Germany

3,4-DIMETHOXYPHENYLACETONITRILE

(Product: Methyl dopa)

- *Calaire Chimie S.N.C., France
- **Imhausen-Chemie GmbH., F.R. Germany
- **Knoll AG, F.R. Germany
- **Recordati Industria Chimica e
Farmaceutica S.p.A., Italy
- **G.D. Searle & Co., USA
- *S.S.T. Corporation, USA

3-DIMETHYLAMINOETHYL CHLORIDE

(Product: Chlorphenamine)

- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- *Selectchemie AG, Switzerland

1-DIMETHYLAMINO-2-CHLOROPROPANE

(Product: Promethazine)

- **BASF AG, F.R. Germany
- **Janssen Pharmaceutica, Belgium
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

1:3 DIMETHYL-4-AMINO-5-FORMYL

AMINOURACIL

(Product: Aminophylline)

- **Hoechst AG, F.R. Germany
- **Seven Star Pharmaceutical Co., Taiwan

DIMETHYLAMINOPROPYL CHLORIDE

(Product: Amitriptyline)

- Egis Pharmaceuticals, Hungary
- *Sandoz Ltd., Switzerland
- *Selectchemie AG, Switzerland

N,N-DIMETHYLANILINE

(Product: Ampicillin)

- **ACNA Chimica Organica S.p.A., Italy
- **BASF AG, F.R. Germany
- *D & O Chemicals, Inc., USA
- *Helm AG, F.R. Germany
- **ICI Colours and Fine Chemicals,
United Kingdom
- *E. Merck, F.R. Germany
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

4,5-DIMETHYLPHENYLENEDIAMINE

(Product: Riboflavin)

- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **SSF Dottikon, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan

DIMETHYL PHOSPHITE

(Product: Metrifonate)

- **Akzo Chemicals B.V., The Netherlands
- **Albright & Wilson Ltd., United Kingdom

DIOSGENIN

(Product: Betamethasone, Hydrocortisone)

- **Andard-Mount Co. Ltd., United Kingdom
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Cipla Ltd., India
- **Diosynth B.V., The Netherlands
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- *Movione Sociedade Quimica, Lda.,
Portugal
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

DIPHENYLOXIDE

(Product: Chloroquine phosphate)

- **Industrie Chimique Mulhouse Dornach,
France
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

A-EPICHLORHYDRIN

(Product: Propranolol)

- *Browning Chemical Corporation, USA
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

ERYTHROMYCIN THIOCYANATE

(Product: Erythromycin)

- *Avrachen AG, Switzerland
- *Becpharm Ltd., United Kingdom
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- **CIBRAN Brazil
- CIECH (Centrala Importowo-Eksportowa
Chemikalii), Poland
- **CIPAN (Companhia Industrial produtora
de Antibioticos) S.A., Portugal
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- *Marsing & Co. Ltd., Denmark
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *S.S.T. Corporation, USA

ESTRONE/ESTRODIOL AND SALTS/ESTERS

(Product: Ethinylestradiol)

- **Andard-Mount Co. Ltd., United Kingdom
- Cipla Ltd., India
- **Diosynth B.V., The Netherlands
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Roussel Corporation, USA
- Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Upjohn International Inc., USA

ETHYL-2-CHLOROACETOACETATE

(Product: Cimetidine)

- **Lonza Ltd, Switzerland

ETHYLENE CHLORHYDRIN

(Product: Metronidazole)

- *Helm AG, F.R. Germany

ETHYLENE CHLORIDE/

ETHYLENE DIAMINE HYDROCHLORIDE

(Product: Piperazine, Aminophylline)

- **BASF AG, F.R. Germany
- *Diamines Chemicals, India
- *Helm AG, F.R. Germany
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

ETHYLENE DICHLORIDE

(Product: Ethambutol)

- **B.P. Chemicals Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **Hüls America Inc., USA
- *E. Merck, F.R. Germany
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

ETHYL GLYCINATE

(Product: Pyridoxine)

- **Senn Chemicals, Switzerland

ETHYLPHENYLMALONIC ACID DIETHYL ESTER

(Product: Phenobarbital)

- *Selectchemie AG, Switzerland

ETHYL PYRUVATE

(Product: Pyridoxine)

- **Boehringer Ingelheim KG, F.R. Germany
- **Inoue Perfumery Mfg. Co., Ltd., Japan
- *Lancaster Synthesis Ltd., United Kingdom
- **Tokyo Kasei Kogyo Co., Ltd., Japan

FORMAMIDE

(Product: Allopurinol)

- **BASF AG, F.R. Germany
- *Hovione Sociedade Química, Lda.,
Portugal
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

GUANIDINE HYDROCHLORIDE

(Product: Trimethoprim)

- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *United States Biochemical Corporation,
USA

GUANIDINE NITRATE

(Product: Sulphadimidine)

- *Helm AG, F.R. Germany
- *Nukem Chemical Industries Ltd., India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

HEXAMETHYLENEDIAMINE

(Product: Chlorhexidine)

- **BASF AG, F.R. Germany
- *Helm AG, F.R. Germany
- *Phibrochem, USA
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

HYDRAZINE HYDRATE

(Product: Isoniazid)

- *Browning Chemical Corporation, USA
- *Dolder Ltd., Switzerland
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd.,
India
- *E. Merck, F.R. Germany
- **Pfizer Ltd., India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

HYDROCORTISONE

(Product: Prednisolone)

- *Avrachem AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Browning Chemical Corporation, USA
- **Diosynth B.V., The Netherlands
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Helm AG, F.R. Germany

HYDROCORTISONE (cont'd)

- *Marsing & Co. Ltd., Denmark
- **Nobel Chemicals S.p.A., Italy
- *Roussel Corporation, USA
- **Roussel Uclaf, France
- **Schering AG, F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Technochem, Inc., USA

HYDROXYLAMINE HYDROCHLORIDE

(Product: Diazepam)

- *Becpharm Ltd., United Kingdom
- *Hovione Sociedade Quimica, Lda.,
Portugal
- *E. Merck, F.R. Germany
- *Phibrochem, USA
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Technochem, Inc., USA
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *United States Biochemical Corporation,
USA

4-ISOBUTYLPHENYL ACETATE

(Product: Ibuprofen)

- *Bush Boake Allen, United Kingdom
- **Tokyo Kasei Kogyo Co., Ltd., Japan

ISONICOTINIC ACID

(Product: Isoniazid)

- **Degussa AG, F.R. Germany
- *Helm AG, F.R. Germany
- **Nobel Chemicals AB, Sweden
- **Pfizer Ltd., India
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Technochem, Inc., USA
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *United States Biochemical Corporation,
USA

ISOPROPYLAMINE

(Product: Propranolol)

- **BASF AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

METHACYCLINE

(Product: Doxycycline)

- **Chong Kun Dang Corporation,
Rep. of Korea
- **CIPAN (Companhia Industrial produtora
de Antibioticos) S.A., Portugal
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- **Hovione Sociedade Quimica, Lda.,
Portugal
- *Marsing & Co. Ltd., Denmark
- **Ranbaxy Laboratories Ltd., India
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

P-METHOXY-O-NITROANILINE

(Product: Primaquine)

- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

P-METHOXYPHENYLHYDRAZINE

(Product: Indometacin)

- *Acetochemicals, USA
- *Aldrich Chemicals, USA
- *Helm AG, F.R. Germany

METHOXYPROPIONITRILE

(Product: Trimethoprim)

- **BASF AG, F.R. Germany
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany

METHYL 4-ACETYSALICYLATE

(Product: Salbutamol)

- *Helm AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

METHYLAMINOCHLOROBENZOLENE

(Product: Diazepam)

- **CL Pharma AG, Austria

METHYL 4-AMINOSALICYLATE

(Product: Salbutamol)

- *Helm AG, F.R. Germany
- **Hexcel Corporation, USA
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

A-METHYLBENZYLAMINE

(Product: Methyl dopa)

- **Hexcel Corporation, USA
- **Tokyo Kasei Kogyo Co., Ltd., Japan

METHYL CHLOROFORMATE

(Product: Mebendazole)

- **BASF AG, F.R. Germany
- **Chemolimpex, Hungary
- *D & O Chemicals, Inc., USA
- **I.C.F.I. (Industrie Chimiche
Farmaceutiche Italiane S.p.A., Italy
- *Medimpex, Hungary
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

METHYL DICHLOROACETATE

(Product: Chloramphenicol)

- *Helm AG, F.R. Germany
- *Sankyo Co., Ltd., Japan
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

METHYL FORMATE

(Product: Chloramphenicol)

- **BASF AG, F.R. Germany

METHYL LEVULINATE

(Product: Indometacin)

- **Inoue Perfumery Mfg. Co., Ltd., Japan
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

2-METHYL-5-NITROIMIDAZOLE

(Product: Metronidazole)

- **Andard-Mount Co. Ltd., United Kingdom
- **BASF AG, F.R. Germany
- **The Fairdeal Corporation (Private)
Ltd., India
- **Farchemia S.p.A., Italy
- *Helm AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

1 METHYLPIPERAZINE HYDROCHLORIDE

(Product: Diethylcarbamazine)

- *D & O Chemicals, Inc., USA
- *Dolder Ltd., Switzerland
- **Rexolin Chemicals AB, Sweden
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

MONOETHANOLAMINE

(Product: Piperazine)

- **Hüls America Inc., USA
- *E. Merck, F.R. Germany
- **Oxiteno S/A Indústria e Comercio,
Brazil
- **Rexolin Chemicals AB, Sweden
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

MORPHOLINE

(Product: Ibuprofen)

- **BASF AG, F.R. Germany
- *Browning Chemical Corporation, USA
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

A-NAPHTHOL

- **ACNA Chimica Organica S.p.A., Italy
- *D & O Chemicals, Inc., USA
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- **Hoechst AG, F.R. Germany
- *E. Merck, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Trans-Medica Ges.m.b.H., F.R. Germany

P-NITROACETOPHENONE

(Product: Chloramphenicol)

- **Chemolimpex, Hungary
- *Helm AG, F.R. Germany
- *Lancaster Synthesis Ltd., United Kingdom
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- *Nobel Chemicals AB, Sweden
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

NITROBENZENE

- **ACNA Chimica Organica S.p.A., Italy
- **BASF AG, F.R. Germany
- **Bayer AG, F.R. Germany
- *Helm AG, F.R. Germany
- **ICI Colours and Fine Chemicals,
United Kingdom
- **Lonza Ltd., Switzerland
- *E. Merck, F.R. Germany
- **Quirios Produtos Quimicos Ltda., Brazil
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

5-NITRO-2-FURALDEHYDE

(Product: Nitrofuantoin)

- **Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy
- *Helm AG, F.R. Germany
- *Medimpex, Hungary
- **Orphahell B.V., The Netherlands
- **Tokyo Kasei Kogyo Co., Ltd., Japan

PHENIRAMINE

(Product: Chlorphenamine)

- **Hoechst AG, F.R. Germany
- *Marsing & Co. Ltd., Denmark
- **TTK Pharma, India

PHENOTHIAZINE

(Product: Promethazine)

- *Biochemie Ges.m.b.H., Austria
- *K&K-Greeff Limited, United Kingdom
- *Harbottle (Pharmaceuticals) Ltd.,
United Kingdom
- *Medimpex, Hungary
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *Technochem, Inc., USA
- **Tokyo Kasei Kogyo Co., Ltd., Japan

PHENYLGLYCINE

(Product: Ampicillin)

- **Andeno B.V., The Netherlands
- *Avrachim AG, Switzerland
- **Calaire Chimie S.N.C., France
- **Chemische Fabrik Schweizerhall (CFS),
Switzerland
- **Hoechst AG, F.R. Germany
- *K&K-Greeff Limited, United Kingdom
- *Helm AG, F.R. Germany
- *Marsing & Co. Ltd., Denmark

PHENYLGLYCINE (cont'd)

- Nippon Kayaku Co. Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- *United States Biochemical Corporation,
USA
- **Ward Blenkinsop & Co. Ltd.,
United Kingdom

PHTHALAZONE

(Product: Hydralazine)

- *Farmaceutica Milanese S.p.A., Italy
- **Hüls America Inc., USA
- **Hüls Troisdorf AG, F.R. Germany
- *E. Merck, F.R. Germany
- **Rhône-Poulenc Santé, France
- *Trans-Medica Ges.m.b.H., F.R. Germany
- *Yodogawa Pharmaceuticals, Japan

PHTHALIMIDE

- *Medimpex, Hungary
- **Tokyo Kasei Kogyo Co., Ltd., Japan

GAMMA-PICOLINE

(Product: Isoniazid)

- **Degussa AG, F.R. Germany
- *Helm AG, F.R. Germany
- **Lonza Ltd., Switzerland
- *E. Merck, F.R. Germany
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

2,3 PYRAZINDICARBOXYLIC ACID

(Product: Pyrazinamide)

- **Bracco Industria Chimica S.p.A., Italy
- **Nippon Soda Co. Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- **Tokyo Kasei Kogyo Co., Ltd., Japan

RIBITOL

(Product: Riboflavin)

- *E. Merck, F.R. Germany
- **Pfanstiehl Laboratories, Inc., USA
- **Senn Chemicals, Switzerland
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany
- *United States Biochemical Corporation,
USA

SALICYLIC ACID

(Product: Acetylsalicylic acid)

- ACMA Chimica Organica S.p.A., Italy
- **Alta Laboratories Private Ltd., India
- **The Andhra Sugars Ltd., India
- *Avrachim AG, Switzerland
- **Bayer AG, F.R. Germany
- *Biochemie Ges.m.b.H., Austria
- **Chemische Fabrik Aubing GmbH.,
F.R. Germany
- *Lars Christensen Chemicals ApS, Denmark
- CIECH (Centrala Importowo-Eksportowa
Chemikali), Poland
- *Compania Universal de Industrias S.A.
de C.V., Mexico
- *D & O Chemicals, Inc., USA
- *Dolder Ltd., Switzerland
- **Graesser Laboratories Ltd.,
United Kingdom
- *Marsing & Co. Ltd., Denmark
- *E. Merck, F.R. Germany
- **Merrell Dow Pharmaceuticals AG,
Switzerland
- Monsanto Chemical Company, USA
- **Monsanto Europe S.A., Belgium
- *Nipa Laboratories Ltd., United Kingdom
- Nippon Kayaku Co. Ltd., Japan
- **Rhône-Poulenc Santé, France
- **Salicilatos de Mexico, S. A., Mexico
- *Sankyo Co., Ltd., Japan
- *Dr. Theodor Schuchardt & Co.,
F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

SODIUM METHOXIDE

(Product: Cimetidine, Ibuprofen,
Methyldopa)

- **BASF AG, F.R. Germany
- **Enichem Sintesi S.p.A., Italy
- **Hüls America Inc., USA
- **Hüls Troisdorf AG, F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

SORBITOL

(Product: Ascorbic acid)

- **Bayer AG, F.R. Germany
- *Browning Chemical Corporation, USA
- *Compania Universal de Industrias S.A. de C.V., Mexico
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **E. Merck, F.R. Germany
- **Nippon Soda Co., Ltd., Japan
- **Pliva, Yugoslavia
- **Roquette Corporation, USA
- *Sankyo Co., Ltd., Japan
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- *Technochem, Inc., USA
- *United States Biochemical Corporation, USA

SULFANILIC ACID

(Product: Dapsone)

- **ACNA Chimica Organica S.p.A., Italy
- **BASF AG, F.R. Germany
- **Chemolimpex, Hungary
- **CIECH (Centrala Importowo-Eksportowa Chemikalii), Poland
- *Croda Colour, United Kingdom
- *D & O Chemicals, Inc., USA
- *Helm AG, F.R. Germany
- *Holiday Dyes and Chemicals, United Kingdom
- **ICI Colours and Fine Chemicals, United Kingdom
- **Indian Drugs and Pharmaceuticals Ltd., India
- *Medimpex, Hungary
- **E. Merck, F.R. Germany
- *Dr. Theodor Schuchardt & Co., F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany
- *United States Biochemical Corporation, USA

SULPHAGUANIDINE

(Product: Sulphadimidine)

- Alkaloida Chemical Factory, Hungary
- *Avrachim AG, Switzerland
- *Biochemie Ges.m.b.H., Austria
- *Chemapol Ltd., Czechoslovakia
- CIECH (Centrala Importowo-Eksportowa Chemikalii), Poland
- *Compania Universal de Industrias S.A. de C.V., Mexico

SULPHAGUANIDINE (cont'd)

- **El-Nasr Pharmaceutical Chemicals Co., Egypt
- *Harbottle (Pharmaceuticals) Ltd., United Kingdom
- *Helm AG, F.R. Germany
- **ICI Colours and Fine Chemicals, United Kingdom
- **Indian Drugs and Pharmaceuticals Ltd., India
- *Marsing & Co. Ltd., Denmark
- *Medimpex, Hungary
- *E. Merck, F.R. Germany
- **Pliva, Yugoslavia
- *Selectchemie AG, Switzerland
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany

SULPHURYL CHLORIDE

- **ACNA Chimica Organica S.p.A., Italy
- **BASF AG, F.R. Germany
- **Bayer AG, F.R. Germany
- **ICI Colours and Fine Chemicals, United Kingdom
- *E. Merck, F.R. Germany
- *Säurefabrik Schweizerhall, Switzerland
- *Dr. Theodor Schuchardt & Co., F.R. Germany
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany

TETRACYCLINE AROUAD SALT

TETRACYCLINE UREA COMPLEX

DEMETHYLCHLORTETRACYCLINE UREA COMPLEX

(Product: Tetracycline)

- **Antibioticos S.A., Spain
- **CIPAN (Companhia Industrial produtora de Antibioticos) S.A., Portugal
- **Hoechst AG, F.R. Germany
- **Indian Drugs and Pharmaceuticals Ltd., India
- *Siemsglüss & Sohn GmbH. & Co., F.R. Germany

THIOPHEN-2-CARBOXALDEHYDE

(Product: Pyrantel)

- *Acetochemicals, USA
- *Lancaster Synthesis Ltd., United Kingdom
- **MTM Pharmaceuticals Ltd., United Kingdom
- *Nippon Soda Co., Ltd., Japan
- *Selectchemie AG, Switzerland
- **SSF Dottikon, Switzerland
- **Tokyo Kasei Kogyo Co., Ltd., Japan
- **Ward Blenkinsop & Co. Ltd., United Kingdom

2, 4, 5 TRIAMINO-6-HYDROXYPYRIMIDINE
SULPHATE

(Product: Amiloride hydrochloride,
Folic acid)

**Hüls Troisdorf AG, F.R. Germany

TRIMETHOXYBENZALDEHYDE
(Product: Trimethoprim)

Alkaloïda Chemical Factory, Hungary

**Andeno B.V., The Netherlands

**G. Amphray Laboratories, India

**Bush Boake Allen, United Kingdom

**Egis Pharmaceuticals, Hungary

**Fabbrica Italiana Sintetici (F.I.S.)
S.p.A., Italy

**The Fairdeal Corporation (Private)
Ltd., India

**Harbottle (Pharmaceuticals) Ltd.,
United Kingdom

**Helm AG, F.R. Germany

**Medimpex, Hungary

**Selectchemie AG, Switzerland

**Siegfried AG, Switzerland

**Siemsglüss & Sohn GmbH. & Co.,
F.R. Germany

**S.S.T. Corporation, USA

**Technochem, Inc., USA

**Tokyo Kasei Kogyo Co., Ltd., Japan

2,6 - XYLIDINE

(Product: Bupivacaine, Lidocaine, etc.)

**Bayer AG, F.R. Germany

**Hoechst AG, F.R. Germany

**SSF Dottikon, Switzerland

SECTION III: ADDRESSES, TELEPHONE, TELEFAX AND TELEX NUMBERS OF MANUFACTURERS AND SUPPLIERS

ABIC Ltd.
P.O. Box 8077
Industrial Zone
Kiryat NORDAU
NATANYA
ISRAEL

Telephone: 53-29777
Telefax: 53-54221
Telex: 341928 abicn il

ACETO CHEMICALS CO. INC.
126-02 Northern Blvd.
Flushing, N.Y. 11368
USA
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Telex: 62662 intl

ACF CHEMIE B.V.
Straatweg 2
P.O.Box 118
NL-3600 AC Maarssen
THE NETHERLANDS
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Telefax: (030) 433302 (cinchona/
iodine products)
(030) 433522 (fine chemicals)
Telex: 47751 acf nl

ACIC (1983) Ltd.
60 St. Clair Ave. East, Suite 304
Toronto, Ontario M4T 1N5
CANADA
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Telex: 06-22138
Cable: LTACIC - TORONTO

ACNA - Chimica Organica S.p.A.
Piazza della Vittoria n. 10
I-17010 Cengio (Savona)
ITALY
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Telefax: (019) 555049
Telex: 273876 acnacg i
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A.C.S. - ANTIBIOTICI CRISTALLIZZATI
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Viale Addetta, 6
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AIR PRODUCTS AG
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FEDERAL REPUBLIC OF GERMANY
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Telex: 8587306

AKZO CHEMICALS B.V. (Glucona)
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Telex: 336291
Cable: ALBRIWIL WARLEY

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Telex: 26843

ALEMBIC CHEMICAL WORKS CO. Ltd.
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Baroda - 390 003
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Telex: 0175/201

ALKALOIDA Chemical Factory
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4227443, 4227693
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Cable: ALTALAB BOMBAY

AMERICAN CYANAMID CO.

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Telex: 130400

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2871574 or 2870590
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Cable: RANISATI

A.M.S.A. - Anonima Materie

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Via Gaillarate 37
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THE ANDHRA SUGARS Ltd.

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ASAP S.p.A.

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Telex: 0183 232 or 0180 212 atul in
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BAGO Laboratories S.A.
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Telex: 22456 bago ar

BASF AG
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Telex: 464811 basf d
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BAYER AG
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FEDERAL REPUBLIC OF GERMANY
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BECPHARM Ltd.
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International Division
Beecham House
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Telex: 482320
Cable: BEHRINGWERKE MARBURGLAHN

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A Govt. of India Enterprise
153, Lenin Saranee
Calcutta - 700 013
INDIA
Telephone: (91-33) 27-2266/67
27-4677/78
Telex: 021-4352 bico in
Cable: INJECTULE

BIOBRAS - Bioquímica do Brasil S.A.
Praça Carlos Chagas, 49, 3º andar
Sango Agostinho - 30170 Belo Horizonte
Minas Gerais
BRAZIL
Telephone: (031) 337-6677
Telex: (031) 1751 bqbr br

BIOCHEMIE Ges.m.b.H.
International Marketing Division
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Telex: 330812, 331319 labofa i
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Chuo-ku
Tokyo 103
JAPAN
Telephone: (03) 808-2321
Telex: 2223592 asacem j

TOKYO TANABE CO., Ltd.
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Tokyo 103
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Telephone: (03) 241-5151
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TRANS-MEDICA Pharma-Handelsges.m.b.H.
Grosse Bleichen 16
P.O. Box 30 54 25
D-200 Hamburg 36
FEDERAL REPUBLIC OF GERMANY
Telephone: (040) 34 14 27
Telex: 2173727 tmed d
Cable: TRANSMED

TTK PHARMA Ltd.
66 Luz Church Road
Madras 600 004
INDIA
Telex: 041-7865 ttk in

UNION QUIMICO FARMACEUTICA, S.A.E.
(UQUIFA)
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Barcelona-3
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Telephone: (93) 319 58 62
Telex: 51 820 uqfa e
Cable: UQUIFA

UNITED STATES BIOCHEMICAL CORPORATION
2100 Mile Parkway
P.O. Box 22400
Cleveland, Ohio 44122
USA
Telephone: (216) 765-5000
Telex: 980718

UPJOHN INTERNATIONAL INC.
7000 Portage Road
Kalamazoo, MI 49001
USA
Telephone: (616) 323-4569
Telex: 224-426 uinti kmz
Cable: UPJOHN

WACKER CHEMIE GmbH
Prinzregentenstrasse 22
D-8000 München 22
FEDERAL REPUBLIC OF GERMANY
Telephone: (089) 2109-0
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Cable: WACKERCHEMIE MUENCHEN

WARD BLENKINSOP & Co. Ltd.
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Telephone: (051) 424-3671
Telefax: (051) 420 1301
Telex: 629491/2
Cable: DUOCHEM WIDNES

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Telex: 1740 3870 wco d

THE WELLCOME FOUNDATION Ltd.
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Telex: 8951486 tbloid g
Cable: TABLOID DARTFORD

WYETH LABORATORIES INC.
P.O. Box 8299
Philadelphia, PA
USA
Telephone: (215) 644-8000
Telex: 834816

YODOGAMA PHARMACEUTICAL CO.
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Nishiyodogawa-ku
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YUHAN-COROX COMPANY Ltd.
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Telex: yuhan k26268
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ZAMBON GROUP S.p.A.
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Cable: FARMAZAMBON BRESSO

To augment our efforts to improve the Directory of Sources of Supply for its usefulness, we would appreciate your co-operation in completing the questionnaire given below and returning it to UNIDO, Process Industries Unit, System of Consultations Division, P.O. Box 300, A-1400 Vienna, Austria

QUESTIONNAIRE

Directory of Sources of Supply for Pharmaceutical Chemicals and their Intermediates

- | | YES | NO |
|---|-----|----|
| 1. Was the information contained in the Directory useful? | — | — |
| 2. Was the information provided new to you? | — | — |
| 3. Has any difficulty been encountered in making contacts with the suppliers listed in the Directory?
If yes, please give details. | — | — |
| 4. Has the information provided been useful to you in facilitating procurement and reduction of material and product cost? If yes, please give details. | — | — |
| 5. Do you have any suggestions to improve the usefulness of the Directory? If yes, please elaborate. | — | — |
| 5. Are you in contact with other sources of supply not included in the Directory? If yes, please provide its name, address and product. | — | — |

7. Any other comments:

Name and address of respondent:

Organization:

Full address:

Telephone, telefax, telex nos.

Name of contact person: