

conclusions were based on much more extensive evidence. While additional reports from our laboratory concerning the elimination kinetics of salicylate as a function of age, dose, route of administration, co-administration of other drugs, etc., will be forthcoming, this rebuttal is limited intentionally to presently published data to show that Wagner's "fallacy" is the result of his disregard for the totality of the evidence available and of his sole reliance on hypothetical models.

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GERHARD LEVY

Biopharmaceutics Laboratory
School of Pharmacy
State University of New York at Buffalo
Buffalo, NY 14214

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Books

REVIEWS

Organisch-Chemische Arzneimittel und Ihre Synonyma (Organic Chemical Medicaments and Their Synonyms). By MARTIN NEGWER. Published by the Akademie-Verlag, Berlin, Germany. Distributed by Pergamon Press, Inc. 44-01 21st Street, Long Island City, New York, N. Y. 11101, 1966. vii + 1224 pp. 17.5 × 24 cm. Price \$35.00.

In tabular fashion, this book lists approximately 3,500 compounds with more than 26,000 synonyms. The book is written in German, but because of the organization, it can be used by those not able to read German. Compounds are presented by their molecular formulas in order of the number of carbon atoms and are numbered individually. For example compound No. 1 is CCl₄, No. 2 is CHBr₃, No. 3 is CHCl₃, etc., through No. 3567 which is C₂₅₄H₃₇₇N₆₅O₇₆S₆ (insulin). The information given for each compound includes its structural formula, chemical name, salt form, its synonyms including trade names from many countries, and therapeutic use or pharmacologic category. All of the synonyms and names appearing throughout the book are listed in the index, with cross-references to the compound number. Completeness of coverage and accuracy can be judged only upon continued use.

Staff review

A Systematic Approach to the Interpretation of Infra-red Spectra. By HERMAN A. SZYMANSKI. Hertilon Press, Box 1677, Buffalo, NY 14216, 1967. vi + 150 pp. 22 × 28 cm. Price \$2.00. Paperbound.

The major purpose of this text is to acquaint the reader with the methods used in correlating the observed infrared absorption bands with the structure of the compound being examined. Each absorption band, appearing at a fixed position, can be related to a specific structural group in a molecule. The position, shape, and intensity of the bands are three parameters that are associated with the structure of the compound.

The subject matter is arranged according to the general types of groupings that occur in organic molecules and the important group frequencies that appear as infrared bands. Spectra of several representative compounds are included to illustrate each grouping and to note shifts from the expected frequencies due to the influence of adjacent groups. Over 100 interpreted spectra are included to encompass the groups usually associated with organic compounds.

The book is intended as an introductory text but a working knowledge of infrared fundamentals is necessary to utilize this volume to the fullest advantage.

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