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Keyphrases

Anticholinergic agents
Lachesine derivatives—activity
Dual receptor site theory, Ariens—basis
for derivative structure

Books

REVIEWS

Matrix Algebra for the Biological Sciences. By S. R. SEARLE. John Wiley & Sons, Inc., 605 Third Ave., New York, NY 10016, 1966. xii + 296 pp. 15 × 23 cm. Price \$9.95.

With high school algebra as the only prerequisite, this book shows how to learn matrix algebra, emphasizing its use in biology and statistics. The author points out that his style is informal and that although proofs of the theory are given, they can be omitted if desired in using the text. The mathematical development is illustrated with numerous examples. Matrix algebra up to and including latent roots and vectors and its use in regression analysis are covered. Exercises are included in each chapter.

Staff review

Index Nominum 1966. Swiss Pharmaceutical Society, Zurich, Switzerland 1966. 838 pp. 19 × 25 cm. Price Sw. Fcs. 100.—(about \$25.00).

This is the fifth, completely revised edition of the Index, and contains more than 11,000 entries. The Index presents—on an international basis—a completely cross-indexed alphabetical listing of drug entities, their synonyms, trade names (from various countries), and manufacturers. Also given under the main entry for a compound are the chemical and structural formulas and a brief mention of therapeutic use. Nonproprietary names are given and identified as to whether they are the International, British Approved, USAN, etc. The compendial status of the drugs in several countries is also given. Supplements keep the index current. Its international basis and comprehensiveness make it a most useful reference.

Staff review

Naming Organic Compounds. A Programmed Introduction to Organic Chemistry. By JAMES E.

BANKS. W. B. Saunders Co., W. Washington Sq., Philadelphia, PA 19105, 1967. viii + 276 pp. 18 × 26 cm. Price \$4.50. Paperbound.

An interesting approach to the study of organic nomenclature is this programmed instruction manual. It begins with the simplest of hydrocarbons and gradually takes the student through the various functional groups to the more complex organic molecules. The nomenclature information presented is similar to that in any basic organic chemistry text. However, it may be more fun to learn because of the programmed approach—one reads a section, answers the questions, and proceeds to the next section—or if one answers incorrectly, goes back and reads the section again. The author has designed the book as self-instructional. Little descriptive chemistry is included and no knowledge of organic chemistry is assumed.

Staff review

NOTICES

Pharmaceutical Abstracts. Vol. VII, Issues No. 3 and 4. Edited by HENRY M. BURLAGE, The University of Texas, College of Pharmacy, Austin, TX 78712, 1966. 21 × 28 cm. Price: Issue No. 3, \$3.50 No. 4, \$4.55. Paperbound.

Pharmaceutical Abstracts. Vol. VIII, Issues No. 1 and 2. Edited by HENRY M. BURLAGE, The University of Texas, College of Pharmacy, Austin, TX 78712, 1967. 21 × 28 cm. Price: Issues No. 1 and 2, \$6.00. Paperbound.

Oxidative Coupling of Phenols. Edited by W. I. TAYLOR and A. R. BATTERSBY. Marcel Dekker, Inc., 95 Madison Ave., New York, NY 10016, 1967. xiv + 387 pp. 15.5 × 23 cm. Price \$28.50.

Myotatic, Kinesthetic and Vestibular Mechanisms. Ciba Foundation Symposium. Edited by A. V. S. DEREUCK and J. KNIGHT. Little, Brown and Co., 34 Beacon St., Boston, MA 02106, 1967. xi + 331 pp. 15.5 × 23.5 cm. Price \$13.50.