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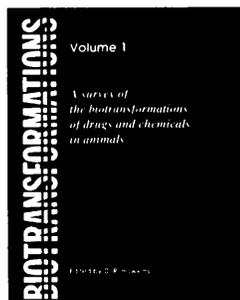
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BIOTRANSFORMATIONS:

A survey of the Biotransformations of Drugs and Chemicals in Animals

Volume 1

Edited by David R. Hawkins, *Huntingdon Research Centre*



The series has been devised to provide an up-to-date survey of the literature on the biotransformation of pharmaceuticals, pesticides, food additives, and environmental and industrial chemicals in animals. The objective is to provide a comprehensive database which will allow an increased awareness of patterns in species differences and the influence of chemical structure on biotransformation pathways. The ability to predict biotransformation is the ultimate goal which could contribute to the discovery and development of new products. The material has been collated into chemical classes but an additional feature is the definition and allocation of key functional groups for each compound. The functional groups selected are those commonly associated with biotransformation. Indexing these functional groups provides ready access to reports on compounds containing common structural features. An additional index of biotransformation processes and compound names further increases the accessibility of relevant information.

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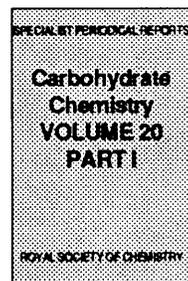
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CARBOHYDRATE CHEMISTRY

Vol. 20 Part I

Senior Reporter: Neil R. Williams, *Birkbeck College, University of London*



Since Volume 14 *Carbohydrate Chemistry* has been divided into two parts: Part 1 – Mono-, Di-, and Tri-saccharides and their derivatives. Part 2 – Macromolecules.

From Volume 19, Part I was renamed: Monosaccharides, Disaccharides, and Specific Oligosaccharides.

Carbohydrate Chemistry Volume 20 (Part I) provides a review of the literature published during 1986.

Brief Contents:

Introduction and General Aspects; Free Sugars; Glycosides and Disaccharides; Oligosaccharides; Ethers and Anhydro-sugars; Acetals; Esters; Halogeno-Sugars; Amino-sugars; Miscellaneous Nitrogen Derivatives; Thio-sugars; Deoxy-sugars; Unsaturated Derivatives; Branched-chain Sugars; Aldosuloses, Dialdoses, and Diuloses; Sugar Acids and Lactones; Inorganic Derivatives; Alditols and Cyclitols;

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