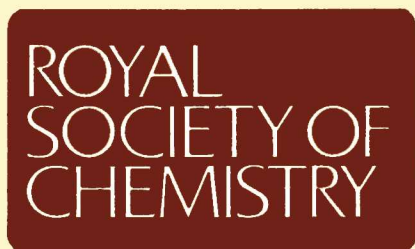


RSC Publications

Specialist Periodical Reports



Biosynthesis Vol. 6

Senior Reporter: J. D. Bu'Lock

This sixth volume in the series reviews the literature published during 1977 and 1978.

Brief Contents:

Biosynthesis of Polyketides; Phenolic Compounds derived from Shikimate; The Biosynthesis of $C_5 - C_{20}$ Terpenoid Compounds; Triterpenoids, Steroids and Carotenoids; Non-protein Amino-acids, Cyanogenic Glycosides, and Glucosinolates; Biosynthesis of Alkaloids.

"This is a particularly difficult area to survey, but with the aid of clearly drawn diagrams and ample reaction sequences, the authors have succeeded in providing a volume which should be invaluable to those chemists or biochemists who study biosynthesis".

— *British Book News*, reviewing Vol. 4

Hardcover 305 pp 8 $\frac{3}{4}$ " × 5 $\frac{5}{8}$ " 0 85186 990 4
Due to be published early 1981

Price not yet available

Carbohydrate Chemistry Vol. 11

Senior Reporter: J. S. Brimacombe

This volume covers literature published during 1977.

Brief Contents: (split into two parts)

Part I: Mono-, Di- and Tri-saccharides and Derivatives; Part II: Macromolecules.

"The Senior Reporter and six other reporters have again accomplished the difficult task of providing a comprehensive coverage of literature in the field. Over 3,000 articles are cited, and the reporters have done a superb job of abstracting their important points".

— *Journal of Medicinal Chemistry*, reviewing Vol. 10

Hardcover 562 pp 8 $\frac{3}{4}$ " × 5 $\frac{5}{8}$ " 0 85186 102 4
£50.50

RSC Members £19.50

General and Synthetic Methods Vol. 3

Senior Reporter: G. Pattenden

This is the third volume in this series, and covers the literature published on the subject during 1978.

The basic aim of this series is to provide an up-to-date coverage and appraisal of functional group transformations and methodology in organic synthesis published each year. This report is of interest to all organic chemists engaged in

preparative organic chemistry, but is particularly useful to those planning syntheses who are looking for up-to-date general methods and synthetic methodology.

Brief Contents:

Saturated and Unsaturated Acyclic Hydrocarbons; Aldehydes and Ketones; Carboxylic Acids and Derivatives; Alcohols, Halogeno-compounds and Ethers; Amines, Nitriles, and Other Nitrogen containing Functional Groups; Organometallics in Synthesis; Saturated Carbocyclic Ring Synthesis; Saturated Heterocyclic Ring Synthesis; Strategy and Design in Synthesis; Photochemistry in Synthesis; Reviews on General Synthetic Methods.

Hardcover 396 pp 8 $\frac{3}{4}$ " × 5 $\frac{5}{8}$ " 0 85186 910 6
£41.50

RSC Members £18.00

Heterocyclic Chemistry Vol. 1

Senior Reporters: H. Suschitzky and O. Meth-Cohn

This new Specialist Periodical report combines the material previously reviewed in "Saturated Heterocyclic Chemistry", "Aromatic and Heteroaromatic Chemistry", both of which are now discontinued, and "Organic Compounds of Sulphur, Selenium and Tellurium", which although still thriving has surrendered its heterocyclic parts but will continue to report on β -Lactam antibiotic chemistry. The literature reviewed in this volume covers the period July 1978 to July 1979.

Brief Contents:

Three-membered Ring Systems; Four-membered Ring Systems; Five-membered Ring Systems; Six-membered Ring Systems; Seven-membered Ring Systems; Eight-membered Ring Systems; Bridged Systems; Conformational Analysis.

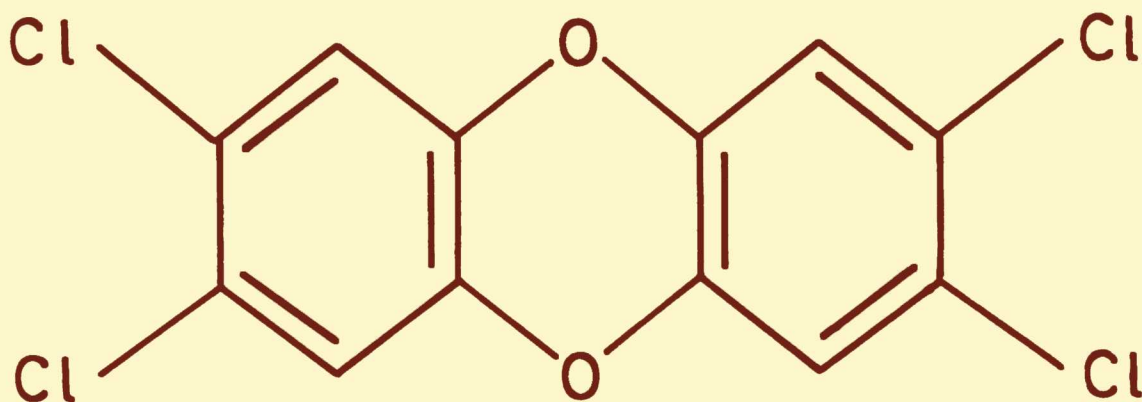
Hardcover 543 pp 8 $\frac{3}{4}$ " × 5 $\frac{5}{8}$ " 0 85186 970 X
£69.00

RSC Members £27-50

ORDERING

RSC Members should send their orders to:
The Membership Officer, The Royal Society of Chemistry, 30, Russell Square, London WC1B 5DT

All other orders should be sent to:
The Distribution Centre, The Royal Society of Chemistry, Blackhorse Road, Letchworth, Herts SG6 1HN



COMPOUND INTEREST ?

- We can search for this specifically as 1746-01-6 (CAS Registry Number)
- We can search for related compounds via DIBENZO [B, E] [1, 4] DIOXIN, the CA Index Name of the governing system
- We can look for the co occurrence of the specific compound or related compounds with words such as HAZARDS CYTOCHROME, CLEAN-UP, MASS SPECTROMETRY appearing in titles or index entries
- We can deliver to you, every two weeks, details of documents satisfying the specifications of your particular search

If you have a "Compound Interest", why not write to us for details of the CURRENT AWARENESS SERVICE which is based on Computer Searching of CA SEARCH, covering all documents printed in Chemical Abstracts. A small outlay to keep you up-to-date with the world's chemical literature in your particular field is likely to pay dividends in time and money.

CA SEARCH covers all aspects of chemistry and is particularly suited for searches on specific compounds identified via the CAS Registry Number, or related compounds via the CA Index Name. Whatever your interest, you will find the service an economical and efficient means of keeping up-to-date.

For further information please contact:

The Royal Society of Chemistry
UKCIS
The University
University Park
Nottingham
NG7 2RD
Tel: (0602) 57411-5

Telex: 37488