

# CS Publications News

SPECIALIST PERIODICAL REPORTS

## General and Synthetic Methods Vol. 1

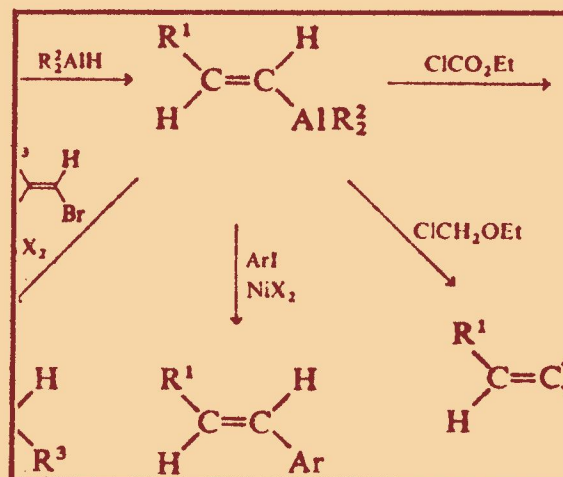
Senior Reporter: Dr G. Pattenden,  
*University of Nottingham*

The basic aim of this new series of Reports is to provide an up to date coverage and appraisal of functional group transformations and methodology in organic synthesis published each calendar year, beginning January 1976. Certain material that was previously covered in either *Saturated Heterocyclic Chemistry* or *Aliphatic Chemistry* is now incorporated in this new report.

### 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 (I: The Transition Elements, II: Main-group Elements); Saturated Carbocyclic Ring Synthesis; Saturated Heterocyclic Ring Synthesis; Strategy and Design in Synthesis; Phase Transfer and Related Methods; Reviews on General Synthetic Methods.

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## Amino-acids, Peptides and Proteins Vol. 9

Senior Reporter: Dr R. C. Sheppard  
*MRC Laboratory of Molecular Biology, Cambridge*

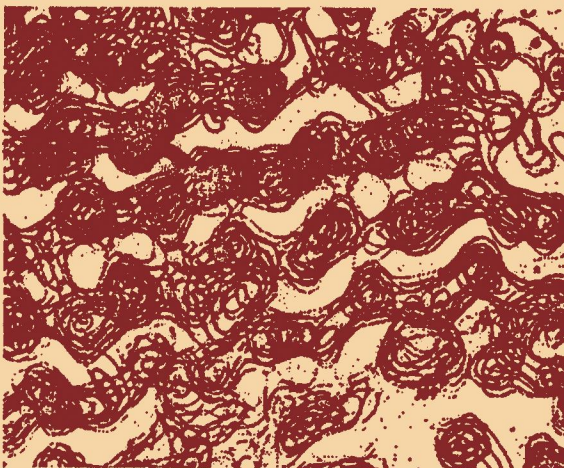
This volume is the ninth in the series of reviews in the field of amino-acids, peptides and proteins and covers the literature published in 1976.

"This eighth volume of the continuing series on amino-acids, peptides and proteins is of great help to all of us whose interests lie in peptide and protein chemistry. Overall, this volume maintains the very high standards we have been accustomed to in this series of Specialist Reports."—*Brian J. Johnson, Journal of Pharmaceutical Sciences reviewing Vol. 8*

### Brief Contents:

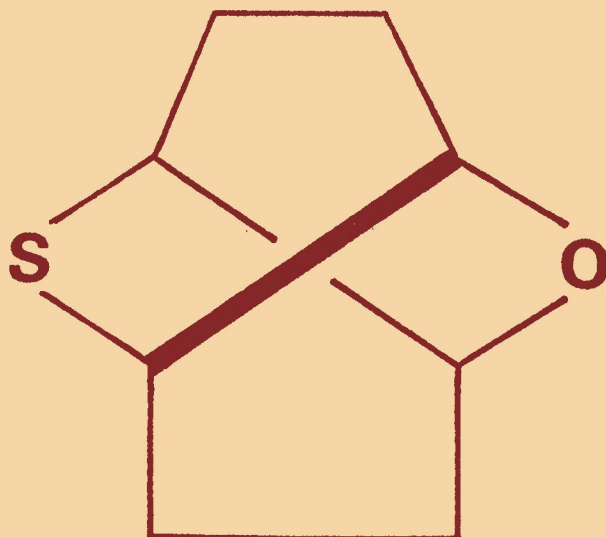
Amino-acids; Structural Investigation of Peptides and Proteins—IA: *Isolation, General Properties, and Amino-acid Sequence Analysis*; IB: *Chemical Modification*; II: *X-Ray Studies*; III: *Conformation and Interaction of Peptides and Proteins in Solution*; Peptide Synthesis; Peptides with structural Features not Typical of Proteins; Chemical Structure and Biological Activity of Hormones and Related Compounds; Metal Complexes of Amino-acids, Peptides, and Proteins

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## Organophosphorus Chemistry Vol. 9

Senior Reporter : Professor S. Trippett  
*University of Leicester*

The ninth volume in this highly successful series covers literature published between July 1976 and June 1977. It follows a very similar format to that adopted in earlier volumes.

"This series of annually updated 'Reports' is a valuable addition to the desk library of the chemist practising organophosphorus chemistry by providing a systematic and fairly comprehensive review of a year's development at reasonable cost and in reasonable size."—*Kurt Moedritzer, Synthesis and Inorganic and Metal-Organic Chemistry reviewing Vol. 5.*

### Brief Contents:

Phosphines and Phosphonium Salts; Quinquevalent Phosphorus Compounds; Halogenophosphines and Related Compounds; Phosphine Oxides and Sulphides, Tervalent Phosphorus Acids; Quinquevalent Phosphorus Acids; Phosphates and Phosphonates of Biochemical Interest; Nucleotides and Nucleic Acids; Ylides and Related Compounds; Phosphazenes; Physical Methods.

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## Saturated Heterocyclic Chemistry Vol. 5

Senior Reporter : Dr. G. Pattenden  
*University of Nottingham*

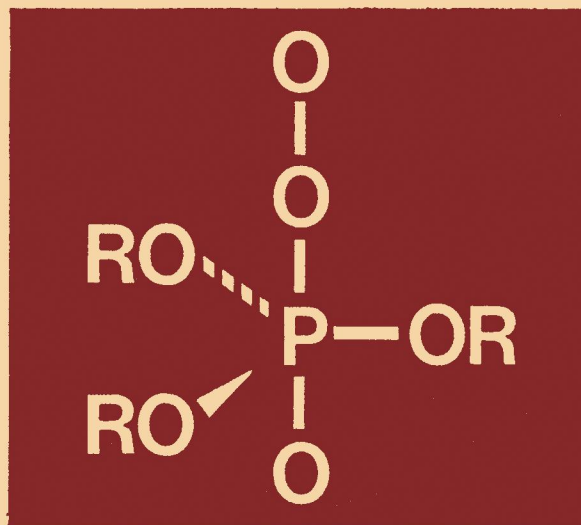
Volume 5 is similar in scope and format to previous volumes and covers the literature published during 1975.

"The latest volume in this now well-established annual publication reviews the significant developments in the field of saturated heterocyclic compounds. The authors have presented their material in a concise and judiciously selected manner. Overlap with other specialist reviews has been largely avoided. Apart from providing an easily readable account of work reflecting a wide spectrum of organic chemistry, the reader will find that simply browsing through the pages will provide new ideas concerned with many aspects of modern chemistry."—*Journal of Molecular Structure reviewing Vol. 3.*

### Brief Contents:

Three-membered Rings; Four-membered Rings; Five- and Six-membered Rings and Related Fused Systems; Medium-sized Rings; Bridged Heterocycles.

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