A Practical Guide to Supramolecular Chemistry

Peter J. Cragg


DESCRIPTION

A Practical Guide to Supramolecular Chemistry is an introductory manual of practical experiments for chemists with little or no prior experience of supramolecular chemistry. Syntheses are clearly presented to facilitate the preparation of acyclic and macrocyclic compounds frequently encountered in supramolecular chemistry using straightforward experimental procedures.

Many of the compounds can be used to illustrate classic supramolecular phenomena, for which clear directions are given, or may be developed further as part of the reader's own research. The book also describes techniques commonly used in the analysis of supramolecular behaviour, including computational methods, with many detailed examples.

An invaluable reference for students and researchers in the field embarking on supramolecular chemistry projects and looking for a 'tried and tested' route into the chemistry of key compounds.

An introductory guide to practical syntheses focusing on supramolecular chemistry.

Fully referenced introductions explain the historical and contemporary importance of each compound

Supplementary website including 3D molecular structures, FAQ's about syntheses and suggestions for further experiments
ABOUT THE AUTHOR

Dr Peter J. Cragg, School of Pharmacy and Biomolecular Sciences, University of Brighton, Brighton, UK

FEATURES

• A comprehensive introductory guide to practical syntheses focusing on supramolecular chemistry

• Supplementary website including 3D molecular structures, FAQ’s about syntheses and suggestions for further experiments

• Includes straightforward experimental procedures and techniques commonly used in the analysis of supramolecular chemistry

For additional product details, please visit https://www.wiley.com/en-us