



Stereochemistry (Hardback)

By Ranjit S. Dhillon, Singh Inderpal, Chinnappan Baskar

Alpha Science International Ltd, United Kingdom, 2014. Hardback. Book Condition: New. 241 x 165 mm. Language: English . Brand New Book. STEREOCHEMISTRY covering all important aspects beginning from its history discusses molecular geometry in terms of bond distances and dihedral angles along with the biological importance of chirality and its effect on taste, odor, agrochemicals and pharmaceuticals followed by the basic principles, conformations and configurations, the methods for writing structures in two dimensional and three dimensional projections and their interconversions. The molecular symmetry and chirality and stereochemical nomenclature, prostereoisomerism and stereoselective synthesis, chirality in molecules devoid of any stereogenic atoms, practical methods for determining stereochemistry of organic compounds using NMR and HPLC and methods for determination of enantiomeric conformations are discussed in detail. KEY FEATURE: The book includes summary and problems at the end of the chapters This book is written especially for the students at undergraduate and postgraduate level and will be equally useful for researchers in various organic chemistry laboratories.

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