

stereochemistry of organic compound pdf

Stereochemistry, a subdiscipline of chemistry, involves the study of the relative spatial arrangement of atoms that form the structure of molecules and their manipulation. The study of stereochemistry focuses on stereoisomers, which by definition have the same molecular formula and sequence of bonded atoms (constitution), but differ in the three-dimensional orientations of their atoms in space.

Stereochemistry - Wikipedia

In chemistry, an organic compound is generally any chemical compound that contains carbon. Due to carbon's ability to catenate (form chains with other carbon atoms), millions of organic compounds are known. Study of the properties and synthesis of organic compounds is the discipline known as organic chemistry. For historical reasons, a few classes of carbon-containing compounds (e.g., carbonates ...

Organic compound - Wikipedia

Sodium triacetoxyborohydride is presented as a general reducing agent for the reductive amination of aldehydes and ketones. Procedures for using this mild and selective reagent have been developed for a wide variety of substrates.

Reductive Amination of Aldehydes and Ketones with Sodium

With 3 conjugated p orbitals, must obtain 3 molecular orbitals! E 0 nodes! 1 node! 2 nodes! Depending upon number of π electrons the electronic configuration can be determined!

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