

Reading Assignment - Chapter 6

Read any combination of the following sections so that you have read a total of five pages. When sections begin or end with less than half of a page, don't include that page, or add two half pages to make one whole page. Please choose sections which will help you to review, fill in gaps in your understanding, or increase your knowledge.

- 2-7 Bond Rotation (p 53)
- 2-8 Isomerism (p 54)
- 7-5 Nomenclature of Cis-trans Isomers (p 278)
- 5-2 Chirality (p 168)
- 5-3 (R) and (S) Nomenclature of Asymmetric Carbons (p 174)
- 5-11 Diastereomers (p 195)
- 5-12 Stereochemistry of Molecules with Two or More Asymmetric Carbons (p 198)
- 5-13 Meso Compounds (p 199)
- 5-10 Fischer Projections (p 191)
- 5-4 Optical Activity (p 178)
- 5-6 Racemic Mixtures (p 184)
- 5-7 Enantiomeric Excess and Optical Purity (p 186)
- 5-15 Physical Properties of Diastereomers (p 202)
- 5-16 Resolution of Enantiomers (p 204)
- 5-5 Biological Discrimination of Enantiomers (p 183)

Extra stuff: What relevance does stereochemistry have in biology?