Today

4.12 and 4.14 Molecules with more than one chirality center

Sections 5.2 - 5.3, 5.5 Alkene nomenclature and structure, and how alkenes react Next Class

Sections 5.5 - 5.13 How alkenes react

Kinetics, thermodynamics, reaction coordinate diagrams, and catalysis





Molecules with more than one chiral center

Sections 4.12 and 4.14 2+E switch also all chiral centers switch configuration diasperanus Enantiomers: stereoisomers that are non superposable mirror images. at least 1 but not all chiral centers switch Diastereomers: stereoisomers that are non-superposable but-not mirror images. diast-veanus this drawing is just the other one spun Br Br Br $(R) \qquad (S)$ (S)(R)these two are superposable diastaromers enantiomus Evantioners have the same physical properties ... mp, bp, solubility only difference is now they intract with polarized light cannot be separated by distillation or recordstallization. Deastureomers have different physical properties ... mp, bp, solubiting

