

ROTD 2/28/06

1) Chiral Molecules rotate plane-polarized light. This is a useful analytical tool for measuring optical purity as well as for characterizing the properties of a chiral molecule.

2) Diastereomers will have different physical properties. We can make diastereomeric derivatives of enantiomeric molecules to separate enantiomers

3) Acid/Base chemistry will be a useful predictor for other kinds of chemistry. Brønsted-Lowry acids donate protons (B.L. bases accept protons). Lewis acids accept electron pairs (L.A. bases donate electron pairs).