

Notes 2-22

Thursday, February 22, 2007
5:43 PM

Last time: naming alkanes, alkyl halides, cycloalkanes

Today: Conformational Analysis

- Relatively low energy barrier to rotation about C-C bonds (4-40kJ/mol)
- Different shapes resulting from single bond rotations are called conformations.
- *in class rarely use Newman projection.
- Contributions to energies of conformations
 - Steric strain: increase in energy due to electrons on atoms occupying the same region of space
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