

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society Arts, Science & Commerce College Kolhar

Organic Chemistry

Class- T.Y.B.Sc.

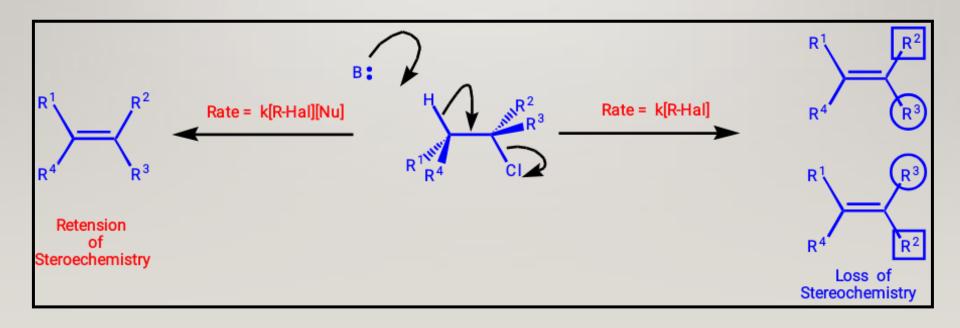
Elimination Reactions

Miss. Gaikwad Rani J.

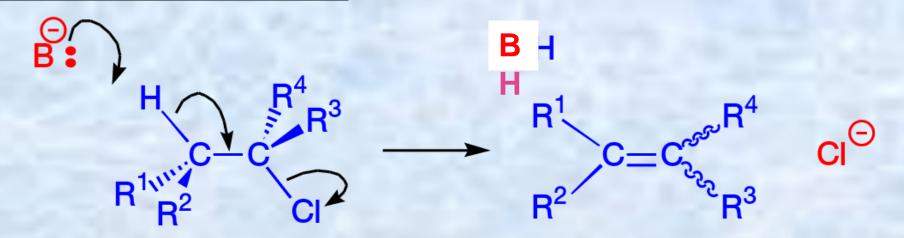
Asst. Professor Dept. of Chemistry

A. S. C College, Kolhar

Elimination Reactions



Elimination Reactions

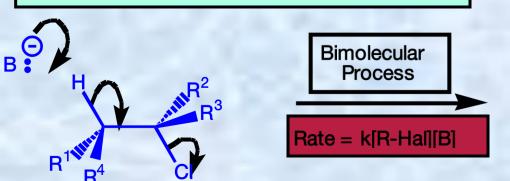


Descriptor Rate Equation

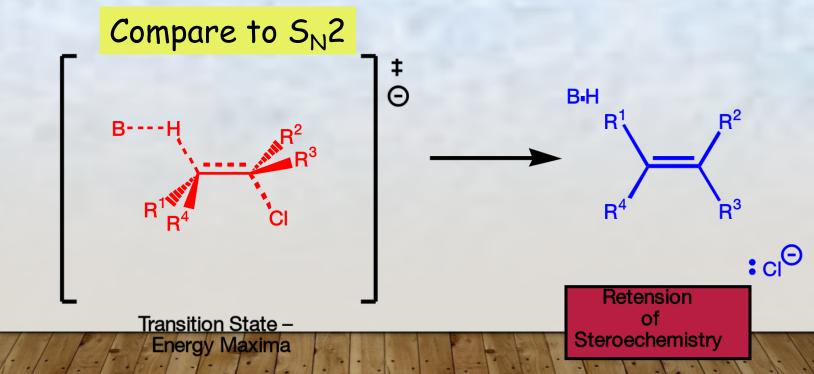
E2 rate = k[R-Hal][Nu] Retension

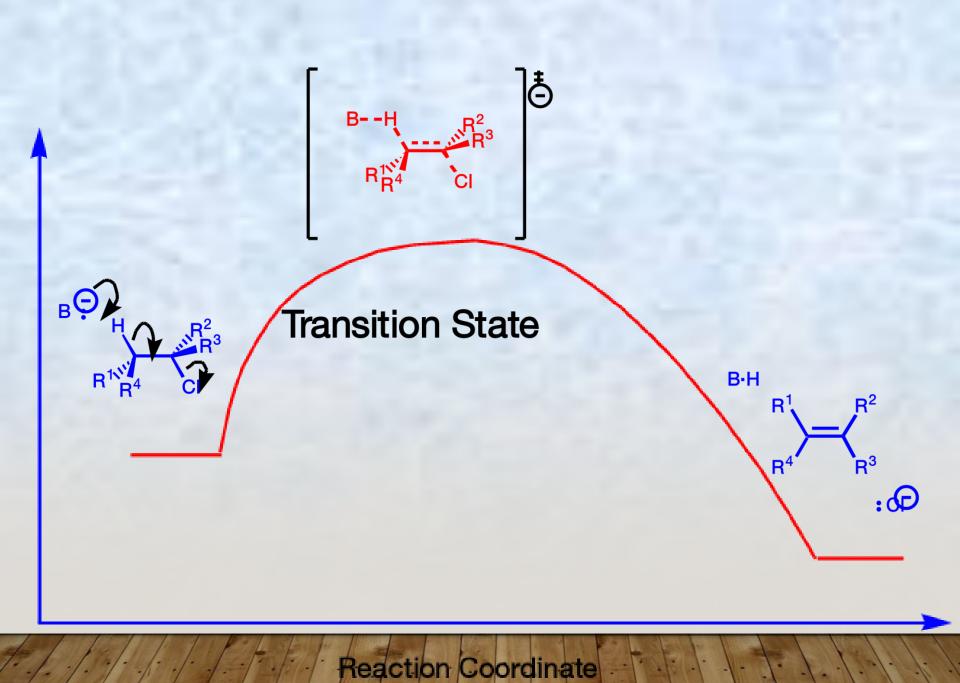
E1 rate = k[R-Hal] Loss of

The E2 Reaction Mechanism

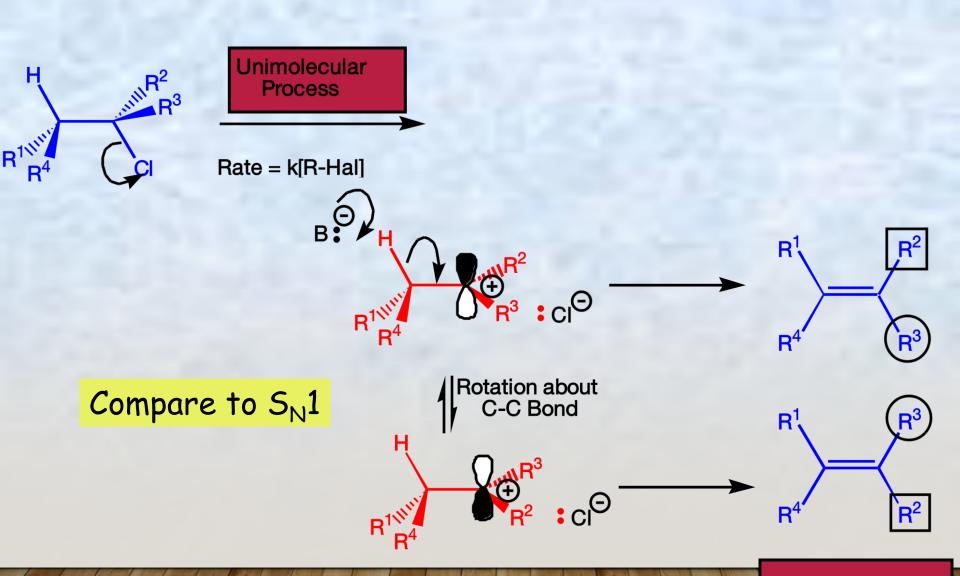


H and CI must be antiperiplanar





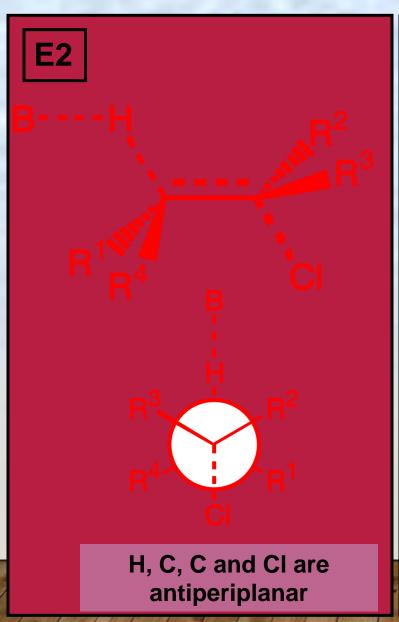
The E1 Reaction Mechanism

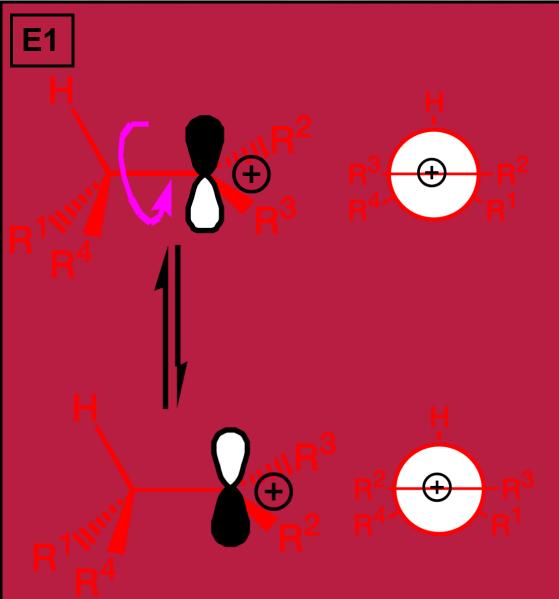


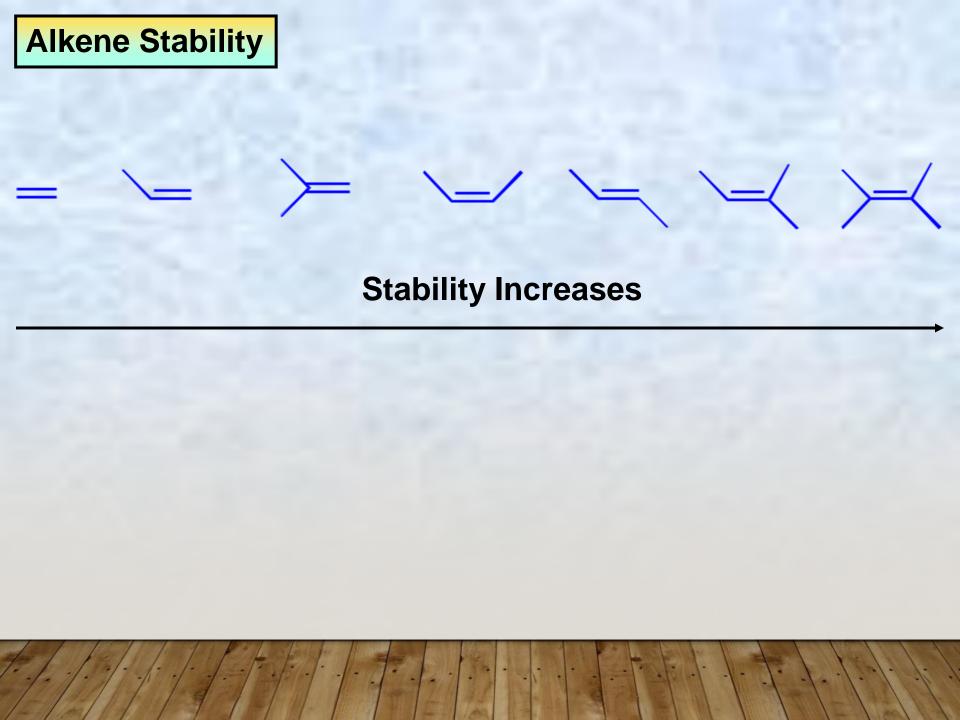
Reactive Intermediate - Energy Minima

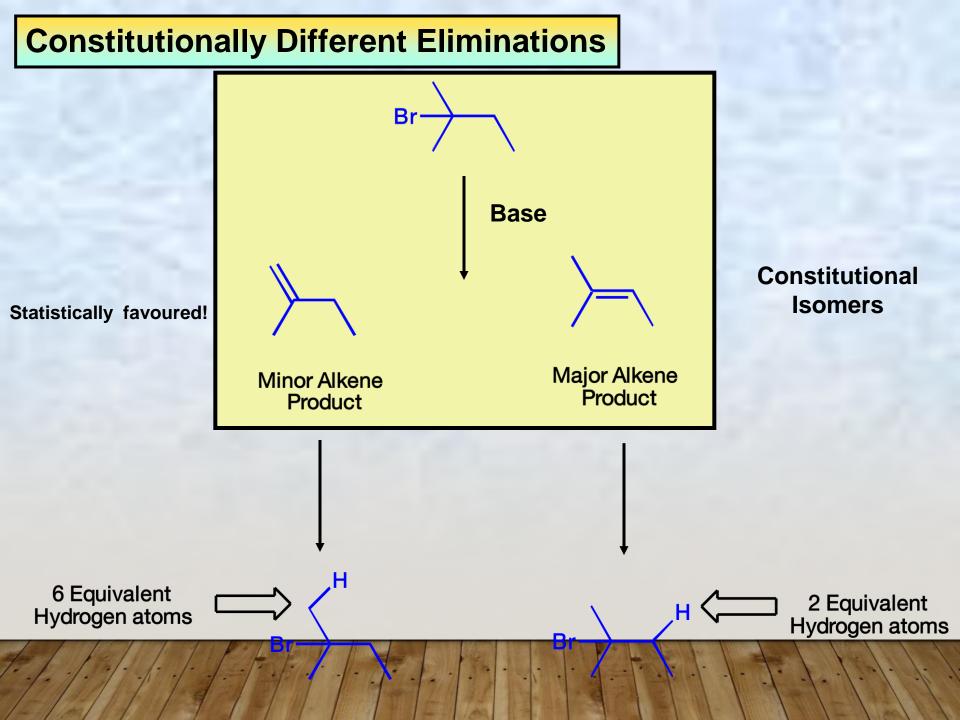
Loss of Stereochemistry

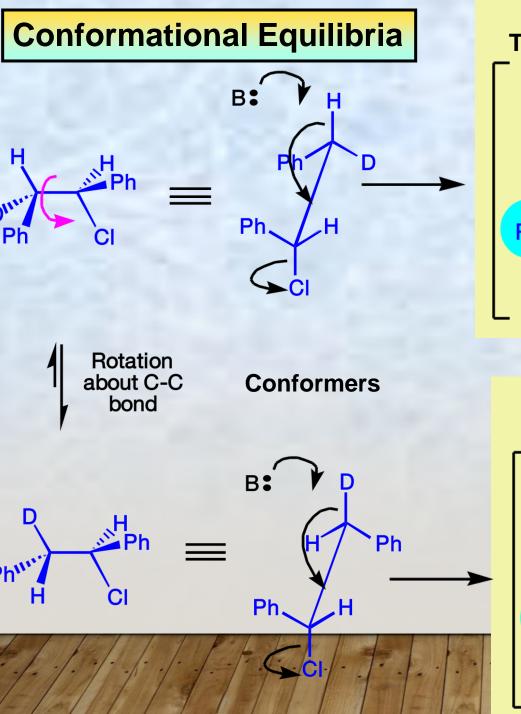
Stereochemistry Compared

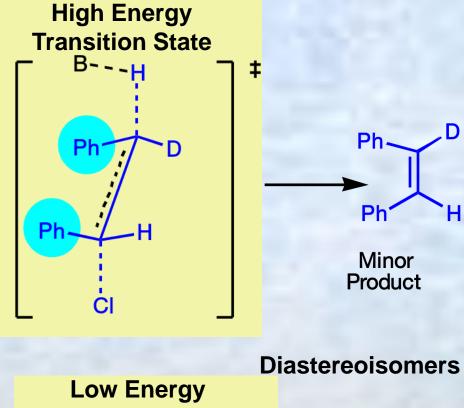


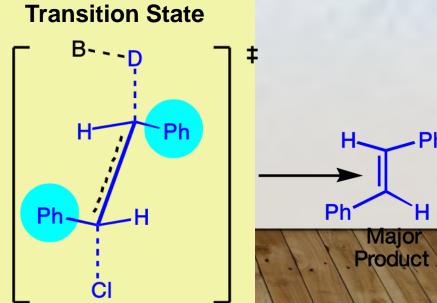




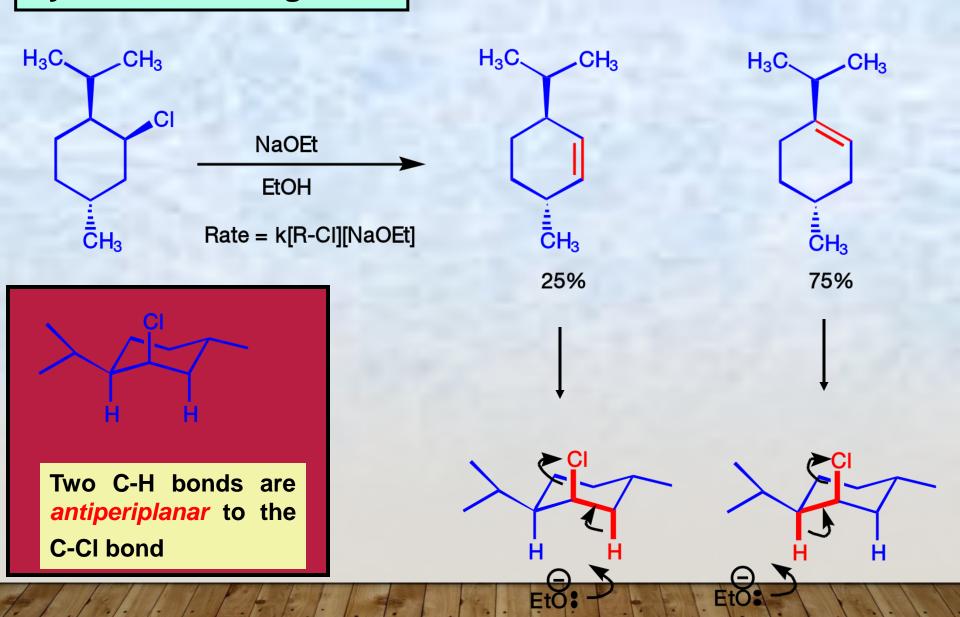








Cyclohexane Rings – E2



Cyclohexane Rings – E1

