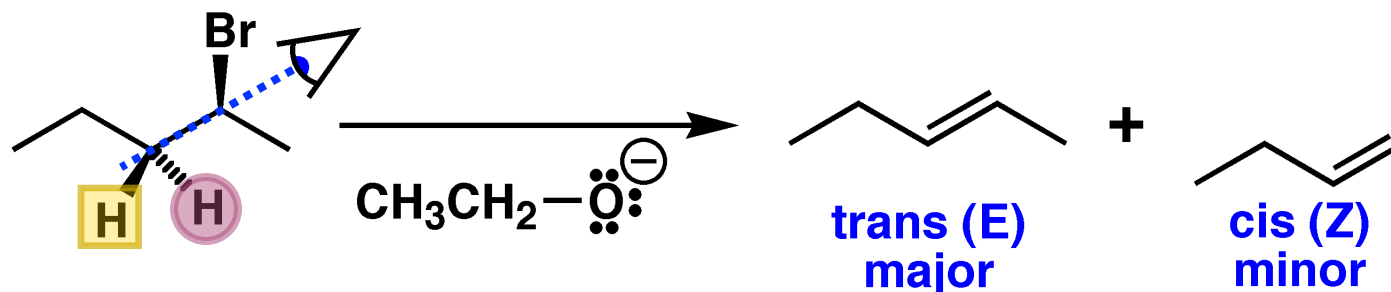
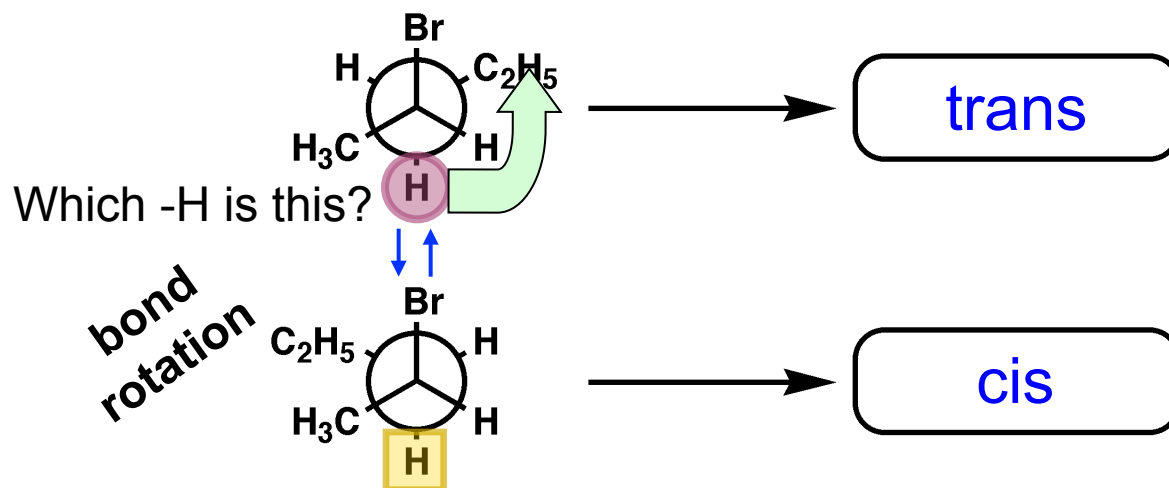


[E2] Pathways in Acyclic Compounds



The major product eliminates via a pathway with the bulky groups on opposite sides.



The carbon atoms smoothly **rehybridize** from sp^3 to sp^2

Elimination	E2 bimolecular examples	E2 to form diene
Electrophilic aromatic substitution	E1 unimolecular	E2 Stereoselective for E
Enols and Enolates as nucleophiles	E1cb unimolecular conjugate base	E2 Stereospecific Acyclic
Pericyclic reactions		E2 Cyclohexyl Diast A
		E2 Cyclohexyl Diast B

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Stereochemistry and the [E1] Pathway

There is no anti-periplanar requirement for the [E1] pathway. The carbocation intermediate undergoes rotation about the single bond.

