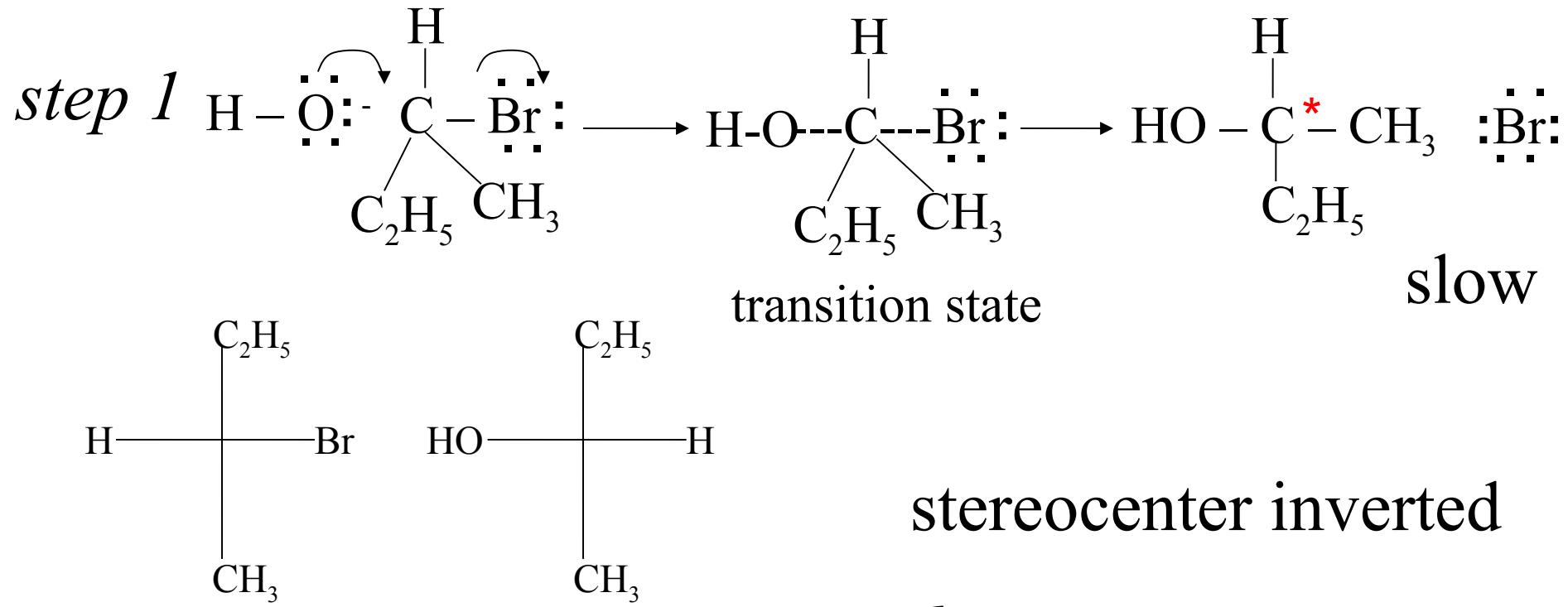


Nucleophilic Substitution

S_N2

rate determining step **bimolecular**



✓ reactants are optically active
✓ products are optically active

$$\text{rate} = k [R - X][OH^-]$$