

A General Guide to SN1, SN2, E1 and E2 Reactions

I. Reactions of Alkyl Halides

	Poor Nucleophile, Poor Base (H ₂ O)	Good Nucleophile, Poor Base (I ⁻)	Good Nucleophile, Good Base (HO ⁻)	Poor Nucleophile, Good Base (t-BuO ⁻)
CH ₃ X	nr	SN2	SN2	SN2
1° RX	nr	SN2	SN2/E2	E2
2° RX	SN1, E1 (slow)	SN2	SN2/E2	E2
3° RX	SN1 & E1	SN1 & E1	E2	E2