

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
279	(2-Chloroethyl)benzene	$\text{H}\cdot + \text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{Cl}$ $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{Cl}$	—→	2.0×10^9	p.r.; P.b.k. at 300 nm, cor. for decay of H adduct; k for H abstr. = 1.5×10^8 detd. from G(H ₂).	79A356