

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
740	(2-Chloroethyl)benzene	$e_{aq}^- + C_6H_5CH_2CH_2Cl \longrightarrow C_6H_5CH_2CH_2$		5.7×10^8	Average of 2 values.
			5.3×10^8	p.r.; D.k. at 720 nm.	79A355
		9.2	6.0×10^8	p.r.; D.k. at 700 nm in soln. contg. <i>tert</i> -BuOH.	741083