

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
651	Benzyl mercaptan	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{CH}_2\text{SH} \longrightarrow \text{HS}^- +$	7.0	8.7×10^9	p.r.; D.k. at 700 nm in soln. contg. ~0.1 mol L ⁻¹ tert-BuOH.	730090