

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
8	Boric acid	$\cdot\text{OH} + \text{H}_3\text{BO}_3 \longrightarrow \text{H}_2\text{O} + \text{H}_2\text{BO}_3$	7.3	$< 5 \times 10^4$	p.r.; C.k. with benzoic acid, 0.5 mol L <sup>-1</sup> boric acid had no measurable effect; also on $\gamma$ -r. no effect of 0.5 mol L <sup>-1</sup> boric acid was obs. on G[Fe(CN) <sub>6</sub> <sup>3-</sup> ] in N <sub>2</sub> O-satd. soln. contg. 10 <sup>-3</sup> mol L <sup>-1</sup> Fe(CN) <sub>6</sub> <sup>4-</sup> and 2.0 × 10 <sup>-3</sup> mol L <sup>-1</sup> MeOH.	87A045