

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
332	8,4-Dihydroxytoluene	$\text{H}^+ + 4\text{-CH}_3\text{C}_6\text{H}_3\text{-1,2-(OH)}_2 \longrightarrow \text{CH}_3\text{C}_6\text{H}_4(\text{OH})_2$	2	1.5×10^9	p.r.; P.b.k. at 350 nm; soln. cont. 1 mol L ⁻¹ tert-BuOH; cor. for other H reactions.	771116