

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
850	3,4-Dihydroxytoluene	$\text{e}_{\text{aq}}^- + 3\text{-CH}_3 \cdot \text{C}_6\text{H}_3\text{-1,2-(OH)}_2 \longrightarrow$	7	2.0×10^7	p.r.; D.k. at 720 nm in soln. contg. 1 mol L ⁻¹ <i>tert</i> -BuOH; at pH 12 $k = 1 \times 10^7$.	771118