

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
79	Hydroxytetrakis(p-sulfonatophenyl)porphinatocobalt(II) Ion	$e_{aq}^- + (HO)CoTPPS^{5-} \longrightarrow (HO)CoTPPS^{6-}$	13	$1.4 \times 10^{10}$	p.r.; D.k. at ~ 600 nm in soln. contg. 1.5 mmol L <sup>-1</sup> 2-PrOH; rapid $e_{aq}^-$ decay followed by slower reaction.	83A088