

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1427	Tetrakis(p-sulfonatophenyl)porphyrin	$\text{e}_{\text{aq}}^- + \text{H}_2\text{TPPS}^{4-} \longrightarrow [\text{H}_2\text{TPPS}]^{5-}$	7	$8.9 \times 10^9$	p.r.; P.b.k. in Ar-satd. soln.	82A152
			11.8		$1.5 \times 10^{10}$	p.r.; P.b.k. at 7