

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
87	Tris(1,10-phenanthroline)iron(II) Ion	$\cdot \text{OH} + \text{Fe(phen)}_3^{2+} \longrightarrow \text{Fe(phen)(phenOH)}^{2+}$	3, 4, 10	$1.0 \times 10^{10}$	p.r.; P.b.k. at 310 and 420 nm.	761091