

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
84	Tris(1,10-phenanthroline)Iron(III) Ion		<1	4.0×10^9	p.r.; P.b.k. at 400 nm in soln. contg. <i>tert</i> -BuOH; fast step.	85A384
			~ 0	5.0×10^9	p.r.; P.b.k. at 510 nm in soln. contg. 0.1 mol L ⁻¹ <i>tert</i> -BuOH and 0.025 mol L ⁻¹ H ₂ SO ₄ .	79A174