

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1454	Thionine, neutral	e _{aq} ⁻ + ThH →	12.6	1.4 × 10 ¹⁰	p.r.; D.k. at 650 nm in soln. contg. 2 × 10 ⁻² mol L ⁻¹ <i>tert</i> -BuOH and 10 ⁻⁵ mol L ⁻¹ dye.	82A258