

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1124	Lumichrome	e _{aq} ⁻ + Fl → FlH [•]	6	2.6 × 10 ¹⁰	p.r.; D.k. at 720 nm in deaerated soln. contg. 0.5 mol L ⁻¹ <i>tert</i> -BuOH; at pH 10 $k = 2.4 \times 10^{10}$, $pK_a \sim 8.5$.	82B104