

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1204	8-Methylalumichrome	e <sub>aq</sub> <sup>-</sup> + FlH <sup>•</sup>	6	2.8 × 10 <sup>10</sup>	p.r.; D.k. at 720 nm in deaerated soln. contg. 0.5 mol L <sup>-1</sup> <i>tert</i> -BuOH; at pH 10 $k = 3.3 \times 10^{10}$ , $pK_a \sim 8.5$ .	82B104