

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1203	1-Methylalumichrome	$\text{e}_{\text{aq}}^- + \text{FlH} \longrightarrow \text{FlH}^\cdot$	6	$2.2 \times 10^{10}$	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 $k = 2.3 \times 10^{10}$ , $pK_a \sim 8.5$ .	82B104