

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
123	Octacyanomolybdate(IV) Ion	$\cdot\text{OH} + \text{Mo}(\text{CN})_8^{4-} \longrightarrow \text{OH}^- + \text{Mo}(\text{CN})_8^{3-}$	6.5	5.8×10^9	p.r.; P.b.k. at 385 nm; no pH effect (10 ⁻⁵ –1 mol L ⁻¹ HClO ₄) or effect of salts LiClO ₄ , NaClO ₄ , CsClO ₄ , KClO ₄ except the latter at 1 mol L ⁻¹ .	761140