

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
91	Tris(terpyridine)cobalt(III) Ion	e <sub>aq</sub> <sup>-</sup> + Co(terpy) <sub>3</sub> <sup>3+</sup> →		6.5 × 10 <sup>10</sup>	p.r.; P.b.k. in soln. contg. 10 <sup>-4</sup> mol L <sup>-1</sup> complex and 0.5 mol L <sup>-1</sup> <i>tert</i> -BuOH; obs. transient precursor to Co(terpy) <sub>2</sub> <sup>2+</sup> .	720381