

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
792	Cyclooctanone	$\text{e}_{\text{aq}}^- + (\text{CH}_2)_7\text{CO} \longrightarrow$ $-\text{CH}_2\text{CO}^-(\text{CH}_2)_6$	4.3	$4.3 \times 10^9$	p.r.; D.k. at 600 nm in soln. contg. 0.1 mol L <sup>-1</sup> tert-BuOH; rate constant for 3 °C; at 64° k = 1.4 × 10 <sup>10</sup> .	761103