No.	Compound name	Reaction equation	pH	Rate constant ($\mathrm{L\,mol^{-1}\,s^{-1}}$)	Comments	Reference
29	Hypobromite Ion	$e_{aq}^- + BrO^- \longrightarrow O^{\cdot -} + Br^-$	13	1.5×10^{10}	p.r.; D.k. at 600 nm; counterion Na^+; at $I = 0.1$ $k_{obs} = 2.3 \times 10^{10}$, see also [680152] for c.k. with N_2O giving $k = (1.2–2.5) \times 10^{10}$ at pH 10–14; k cor. for I.	680153