No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
12	Hypobromous acid	$\cdot OH + HOBr \longrightarrow BrO + H_2O$		2.0×10^9	f.p.; Acid soln. contg. HOBr; primary process gives $\cdot OH + Br$.	85A069