

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
107	Nitrous acid	H <sup>•</sup> + HNO <sub>2</sub> $\longrightarrow$ NO + H <sub>2</sub> O	1	$4.5 \times 10^8$	$\gamma$ -r.; C.k.; rel. to $k(\text{H}^\bullet + \text{EtOH})$ .	660010