

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
417	Maleic acid	$\text{H}^\bullet + \text{HO}_2\text{CCH}=\text{CHCO}_2\text{H} \longrightarrow \text{HO}_2\text{CCHCH}_2\text{CO}_2\text{H}$	1	$1.9 \times 10^{9b}$	p.r.; esr; Calcd. from time profile of H in deaerated soln. contg. various solute concns. and 10 <sup>-2</sup> mol L <sup>-1</sup> tert-BuOH.	83A153
			0.7	$8.0 \times 10^{9b}$	p.r.; P.b.k.	730097