

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
779	4-Hydroxybenzoate Ion	$\cdot\text{OH} + 4\text{-HOC}_6\text{H}_4\text{CO}_2^- \longrightarrow (\text{HO})_2\text{C}_6\text{H}_4\text{CO}_2^-$		$8.3 \times 10^9$	Average of 2 values.	
			9	$8 \times 10^9$	$\gamma$ -r.; C.k. with RNO; $pK_a = 4.7, 9.4$ ; rel. to $k(\cdot\text{OH} + \text{EtOH})$ .	760371
			7	$9 \times 10^9$	p.r.; P.B.k. at 375 nm; cor. for OH + OH and H + aromatic.	680304