

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
230	Benzoic acid	$\text{H}^\cdot + \text{C}_6\text{H}_5\text{CO}_2\text{H} \longrightarrow \text{C}_6\text{H}_6\text{CO}_2\text{H}$		$9.2 \times 10^8$	Selected value.
			$8.3 \times 10^8$	p.r.; esr; Decay of H signal.	710303
			3 $1.0 \times 10^9$	p.r.; P.b.k. at 347 nm; CD <sub>3</sub> OH as OH scavenger.	690001