

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
606	2,2-Dimethyl-1-phenyl-1-propanol	$\cdot\text{OH} + \text{C}_6\text{H}_5\text{CHOHC}(\text{CH}_3)_3 \longrightarrow$	1.7-1.8	$9.9 \times 10^9$	Fenton; C.k. with 1-phenylethanol; rel. to $k(\cdot\text{OH} + 2\text{-PrOH})$ .	749006