

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1070	1-Phenyl-2-propanol	. OH + C <sub>8</sub> H <sub>5</sub> CH <sub>2</sub> CH(OH)CH <sub>3</sub> $\longrightarrow$	1.7-1.8	$2.1 \times 10^{10}$	Fenton; C.k. with 1-phenylethanol; rel. to $k(\text{OH} + \text{2-PrOH})$ .	749006