

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
575	2,6-Dimethoxybenzoate ion	$\bullet\text{OH} + 2,6-(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CO}_2^- \longrightarrow$ $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3(\text{OH})\text{CO}_2^-$	$\sim 7$	$6.6 \times 10^9$	p.r.; C.k.; rel. to $k(\bullet\text{OH} + \text{SCN}^-)$	771007