

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
595	2,5-Dimethyl-3-hexyne-2,5-diol	$\cdot\text{OH} + \text{HOC}(\text{CH}_3)_2\text{C}\equiv\text{CC}(\text{CH}_3)_2\text{OH}$	1	3.3×10^9	Fenton; C.k.; $k(\cdot\text{OH} + \text{MeOH})/k(\cdot\text{OH} + \text{Fe}^{2+}) = 4.3$; rel. to $k(\cdot\text{OH} + \text{MeOH})$.	739350