

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
252	Acetone-d6	$\cdot\text{OH} + \text{CD}_3\text{COCD}_3 \longrightarrow$	1	2.5×10^7	Fenton; C.k.; $k(\cdot\text{OH} + \text{MeOH})/k(\cdot\text{OH} + \text{Fe}^{2+}) = 4.3$; rel. to $k(\cdot\text{OH} + \text{MeOH})$.	739341