

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
250	Acetic acid	.OH + CH ₃ CO ₂ H → .CH ₂ CO ₂ H		1.6×10^7	Average of 3 values.	
			1	9.2×10^6	p.r.; D.k. at 260 nm (OH).	650010
			1.0	1.5×10^7	p.r.; C.k.; rel. to $k(.OH + I^-)$.	650010
			1	2.3×10^7	p.r.; C.k.; rel. to $k(.OH + SCN^-)$.	650387