

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
495	Cysteine	$\cdot OH + CysSH \longrightarrow$ $SCH_2CH(NH_3^+)CO_2^- + H_2O$	5.8	3.4×10^{10}	Average of 3 values.
				1.9×10^{10}	p.r.; C.k.; $pK_n = 1.8, 8.3, 10.8$ at pH 9.8, 10.8; 1.9×10^{10} ; rel. to $k(\cdot OH + SCN^-)$
		7	4.7×10^{10}	p.r.; esr; C.k.; rel. to $k(\cdot OH + 5\text{-MeU})$.	723003
		7	3.5×10^{10}	p.r.; esr; C.k.; rel. to $k(\cdot OH + U)$.	723003