

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1154	Methionine	$\text{e}_{\text{aq}}^- + \text{Met} \longrightarrow$		4.0×10^7	Average of 2 values.	
			7.3	4.5×10^7	p.r.; D.k. at 700 nm in soln. contg. $\sim 0.1 \text{ mol L}^{-1}$ tert-BuOH; $pK_a = 2.3, 9.2$.	730090
			6.0	3.5×10^7	p.r.; D.k. at 720 nm; DL-isomer.	660011