

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
883	Methionine	$\cdot\text{OH} + \text{Met} \longrightarrow \text{Met}(\text{OH})[\text{S}]$		8.3×10^9
		6-7	8.5×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.
		5.5-5.7	8.1×10^9	p.r.; C.k.; $pK_a = 2.28, 9.21$; at pH 2-2.2 $k = 7.7 \times 10^9$; 20% H abstr., 80% addn., product