

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
504	Cytosine, conjugate acid	$\cdot\text{OH} + \text{CyH}^+ \longrightarrow$	2-2.2	3.1×10^9	p.r.; C.k.; $pK_a = 4.60, 12.16$; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$	650388