

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
498	Cystine, conjugate acid	.OH + CytH ⁺ \longrightarrow	2-2.2	6.6×10^9	γ -r.; C.k.; $pK_a = 1.90, 7.85$; rel. to $k(\text{.OH} + 5\text{-MeU})$.	650388