

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
295	Alanine, conjugate acid	.OH + AlaH ⁺ →		5.4×10^7	Average of 2 values.	
			1	5.2×10^7	Fenton; esr; C.k. with H ₂ O ₂ ; rel. to $k(.OH + 5\text{-MeU})$.	69D278
			2-2.2	5.6×10^7	γ -r.; C.k.; $pK_a = 2.4, 9.8$; rel. to $k(.OH + 5\text{-MeU})$.	670461