

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
543	Threonine, conjugate acid	$\text{H}^\bullet + \text{CH}_3\text{CH}(\text{OH})\text{CH}(\text{NH}_3^+)\text{CO}_2\text{H} \longrightarrow$		6.9×10^6	Average of 2 values.	
			1	7×10^6	e.r.; esr; Decay of spin polarization, compared with EtOH; $pK_a = 2.3$; rel. to $k(\text{H}^\bullet + \text{BzOH})$.	710040
			1	6.4×10^6	γ -r.; C.k.; rel. to $k(\text{H}^\bullet + \text{AA})$.	680343