

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
514	Serine, conjugate acid	$\text{H}^\cdot + \text{SerH}^+ \longrightarrow$	1	1.2×10^6	<i>e</i> -r.; esr; Decay of spin polarization, compared with EtOH; rel. to $k(\text{H}^\cdot + \text{BzOH})$.	710040
			1	3.6×10^6	γ -r.; C.k.; obs. $G(\text{H}_2)$; rel. to $k(\text{H}^\cdot + \text{AA})$.	680343