

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
315	Cystine, conjugate diacid	$\text{H}^\cdot + \text{CytH}_2^{2+} \longrightarrow \text{SCH}_2\text{CH}(\text{NH}_3^+)\text{CO}_2\text{H}$	1	7×10^9	e-r.; esr; Decay of spin polarization, compared with EtOH; rel. to k(H [·] + BzOH).	710040
			1	1.3×10^9	-r.; C.k.; rel. to k(H [·] + HCO ₂ H).	680343