

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
500	Purine, conjugate diacid	$\text{H} \cdot + (\text{C}_5\text{H}_4\text{N}_4)\text{H}_2^{2+} \longrightarrow$	1	1.1×10^8	e-r.; esr; Decay of spin polarization, compared with EtOH; rel. to $k(\text{H} \cdot + \text{BzOH})$.	720025