

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
242	2,2'-Bipyridine, conjugate diacid	$\text{H}^+ + \text{bpyH}_2^{2+} \longrightarrow \text{bpyH}_3^{3+}$		1.5×10^8	Average of 2 values.	
			1	1.4×10^8	p.r.; P.b.k. in soln. contg. 0.25 mol L ⁻¹ tert-BuOH.	85A184
			1	1.5×10^8	p.r.; P.b.k. (H adduct)	710582