

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
385	1,1',2,2',6,6'-Hexamethyl-4,4'-bipyridinium ion	$\text{H} \cdot + \text{HMV}^{2+} \longrightarrow \text{HMV}^{\cdot+}$	~ 1	1×10^9	p.r.; P.b.k. in N ₂ -satd. soln. contg. 0.1 mol L ⁻¹ tert-BuOH and sulfuric acid.	84A330