

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
662	2,2'-Bipyridine	$\text{e}_{\text{aq}}^- + \text{bpy} \longrightarrow \text{bpyH}$		2.2×10^{10}	Average of 2 values.	
			8		1.9×10^{10}	p.r.; D.k. at 720
			9.2		2.5×10^{10}	p.r.; D.k. at 650