

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
139	Tris(2,2'-bipyridine)rhodium(III) Ion	$\text{H} \cdot + \text{Rh}(\text{bpy})_3^{3+} \longrightarrow \text{Rh}(\text{bpy})_2(\text{bpyH})^{3+}$	1	1.9×10^9	p.r.; D.k. at 350 nm in Ar-purged soln. contg. 0.5 mol L ⁻¹ <i>tert</i> -BuOH.	81A134