

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
669	1,1'-Bis(3-sulfonatopropyl)-4,4'-bipyridinium Ion	$\text{e}_{\text{aq}}^- + \text{SPV} \longrightarrow \text{SPV}^-$		$\sim 4 \times 10^{10}$	p.r.; Estd. in soln. contg. <i>tert</i> -BuOH; obs. formn. of SPV^- absorption at 578 nm ($\varepsilon = 10,300 \text{ L mol}^{-1} \text{ cm}^{-1}$).	87N002