

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
864	5,5'-Dimethyl-1,1'-ethylene-2,2'-bipyridinium Ion	$\text{e}_{\text{aq}}^- + \text{BP}^{2+} \longrightarrow \text{BP}^{\cdot+}$	7.0	$5.0 \times 10^{10}$	p.r.; P.b.k. in O <sub>2</sub> -free soln. at 380 nm.	84A292