

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
561	Tropylium Ion	$\text{H}^\cdot + \text{C}_7\text{H}_7^+ \longrightarrow \text{H}^+ + \text{c-}\dot{\text{C}}_7\text{H}_7$	3.8	7×10^9	p.r.; P.b.k. at 315 nm in soln. contg. 0.05 mol L ⁻¹ <i>tert</i> -BuOH.	710710