

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
535	Tetraphenylphosphonium Ion	$\text{H}^\bullet + (\text{C}_6\text{H}_5)_4\text{P}^+ \longrightarrow \text{C}_6\text{H}_5\text{P}^+(\text{C}_6\text{H}_5)_2$	1.7	1.5×10^9	p.r.; P.b.k. at 340 nm in soln. contg. 0.6 mol L ⁻¹ tert-BuOH; counter ion Cl ⁻ .	761097