

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
486	Phenylphosphoric acid	$\text{H}\cdot + \text{C}_6\text{H}_5\text{OPO}(\text{OH})_2 \longrightarrow \text{C}_6\text{H}_6\text{OPO}(\text{OH})_2$	0.4	7.0×10^8	p.r.; P.b.k. at 320 nm in soln. contg. 0.5 mol L ⁻¹ tert-BuOH and HClO ₄ ; also c.k. with MeOH.	79A055