

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
122	Hypophosphorous acid	$\text{H}^\cdot + \text{H}_3\text{PO}_2 \longrightarrow \text{H}_2 + \text{H}_2\text{PO}_2^\cdot$	~ 0.8	$\sim 4.4 \times 10^9$	y-r.; C.k.; obs. G(H2) in 0.4 mol L ⁻¹ HClO4; rel. to k(H [·] + O2).	83A359