

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1328	Phenylboric acid	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{B}(\text{OH})_2 \longrightarrow [\text{C}_6\text{H}_5\text{B}(\text{OH})_2]^-$		1.8×10^6	p.r.; Transient obs. at 297 nm in neutral soln. decreases to ca. one-half at pH 5 and is not obs. in acid soln.; $pK_a = 8.84$; k estd. by c.k.; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+)$.	761126