

No.	Compound name		Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
212	Hydrogen Ion	peroxomonosulfate	$\cdot\text{OH} + \text{HSO}_5^- \longrightarrow \text{SO}_5^{\bullet-} + \text{H}_2\text{O}$	7	1.7×10^7	p.r.; C.k.; $pK_a = 1, 9.4$; rel. to $k(\cdot\text{OH} + \text{PNBA}^-)$	771047