

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
131	Hydroxylaminedisulfonate Ion	$\cdot\text{OH} + \text{HON}(\text{SO}_3)_2^{2-} \longrightarrow \text{NO}(\text{SO}_3)_2^{2-} + \text{H}_2\text{O}$	8.4-8.8	5.7×10^7	e-r; esr; Obs. buildup of ON(SO3-)2; <i>k</i> is ten times faster at pH 11.5-12 and probably is cn. dependent; rel. to <i>k</i> (·OH + PhH).	680471 6806