

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
877	Methanedisulfonate Ion	$\cdot\text{OH} + {}^-\text{O}_3\text{SCH}_2\text{SO}_3{}^- \longrightarrow \text{H}_2\text{O} + {}^-\text{O}_3\text{SCHO}_2\text{SO}_3{}^-$	7	4.3×10^7	p.r.; C.k.; $k = 3.1 \times 10^7$ calc. from obs. rate rel. to $k(\cdot\text{OH} + \text{MeOH}) = 7.4 \times 10^8$ and $pK = 1.5$; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$	77A221