

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
613	Dimethyl sulfide	$\cdot\text{OH} + (\text{CH}_3)_2\text{S} \longrightarrow \text{CH}_3\text{S}(\text{OH})\text{CH}_3$		1.9×10^{10}	p.r.; P.b.k. at 280 nm; $\cdot\text{CH}_2\text{SCH}_3$ and $[(\text{CH}_3)_2\text{S}]_2^+$ formn. deduced by opt. and condy. studies.	751078