

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
882	Methional	$\cdot\text{OH} + \text{CH}_3\text{SCH}_2\text{CH}_2\text{CHO} \longrightarrow \text{OH}^- + \text{CH}_3\text{S}^+\text{CH}_2\text{CH}_2\text{CHO}$		8.2×10^9	p.r.; C.k. with <i>tert</i> -BuOH; obs. formn of thiyl radical cation at 410 nm; ref. rate not given	761038