

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1151	Methanethiol	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{SH} \longrightarrow \cdot\text{CH}_3 + \text{HS}^-$	7	7.5×10^9	p.r.; D.k. at 720 nm in Ar-satd. soln.	690553