

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
205	Hydrogen sulfide	$\cdot\text{OH} + \text{H}_2\text{S} \longrightarrow \text{HS}\cdot + \text{H}_2\text{O}$	6	1.5×10^{10}	p.r.; C.k.; obs. effect of MeOH on buildup of 380 nm absorption (H_2S_2^-); also used formate and SCN^- as competitors; rel. to $k(\cdot\text{OH} + \text{MeOH})$.	670273