No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
541	Diethyl sulfide	$.OH + (C_2H_5)_2S \longrightarrow (C_2H_5)_2S \cdot (OH)$		1.4×10^{10}	p.r.; P.b.k. at 280 nm; .CHRSR and $(R_2S)_2{}^+$ formn. deduced by opt. and condy. studies.	751078