No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
245	Bromoacetic acid	$H\cdot + BrCH_2CO_2H \longrightarrow HBr + \cdot CH_2CO_2H$		5.8×10^8	Average of 3 values.	
			1	2.4×10^8	e-r.; esr; Decay of spin polarization, compared with 2-PrOH(7D); rel. to $k(H\cdot + BzOH)$.	710003
			1	2.1×10^8	γ-r.; C.k. with 2-PrOH(7D); cstd. 0.03% H abstr.; rel. to $k(H\cdot + BzOH)$.	710017
			1.0	4.4×10^8	γ-r.; C.k.; rel. to $k(H\cdot + 2\text{-PrOH})$.	670050