

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
270	Carbon tetrachloride	$\text{H}^\bullet + \text{CCl}_4 \longrightarrow \text{H}^+ + \text{Cl}^- + \bullet\text{CCl}_3$		$3.8 \times 10^7$	Average of 2 values.	
			1	$4.4 \times 10^7$	e-r.; esr; Decay of spin polarization, compared with 2-PrOH(7D); rel. to $k(\text{H}^\bullet + \text{BzOH})$ .	710003
				$3.2 \times 10^7$	p.r.; P.b.k.	710778