

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
327	Diethyl ether	$\text{H}\cdot + (\text{C}_2\text{H}_5)_2\text{O} \longrightarrow \text{H}\cdot + 1$ $\text{CH}_3\text{CHOC}_2\text{H}_5$		4.3×10^7	e-r.; esr; Decay of spin polarization, compared with 2-PrOH(7D); rel. to $k(\text{H}\cdot + \text{BzOH})$.	710003