

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
460	Nitromethane	$\text{H} \cdot + \text{CH}_3\text{NO}_2 \longrightarrow$ 1	4.0×10^7 4.6×10^7	4.3×10^7 e.r.; esr; Decay of spin polarization, compared with 2-PrOH(7D). no H abstr. [730053]; rel. r.; C.k.; obs. G(H ₂) in sulfuric acid soln.; rel. to $k(\text{H} \cdot + \text{EtOH})$.