

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
498	Propionitrile	H· + C ₂ H ₅ CN →		1.0 × 10 ⁷
			1 × 10 ⁷	γ-r.; C.k., obs. G(H2); rel. to <i>k</i> (H· + EtOH).
			9.8 × 10 ⁶	ε-r.; esr; Decay of spin polarization, compared with 2-PrOH(7D); rel. to <i>k</i> (H· + BzOH).