

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
326	1,4-Dicyanobenzene	$\text{H}\cdot + \text{DCNB} \longrightarrow \text{DCNB-H}$		3.0×10^8	Average of 2 values.	
			2	3.5×10^8	p.r.; P.b.k. at 320 nm in soln. contg. 2×10^{-3} mol L ⁻¹ MeOH; H adduct ($\epsilon^{320} = 4400$ L mol ⁻¹ cm ⁻¹).	730121
			1	2.6×10^8	e-r.; esr; Decay of spin polarization, compared with EtOH; rel. to $k(\text{H}\cdot + \text{BzOH})$.	720025