

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
303	Cyclopentane	$\text{H} \cdot + \text{c-C}_5\text{H}_{10} \longrightarrow \text{H}_2 + \text{c-C}_5\text{H}_9$	1	8.5×10^7 1	γ -r.; C.k.; rel. to $k(\text{H} \cdot + 2\text{-PrOH}(7\text{D}))$. 2×10^8	741052 e-r.; esr; Decay c