

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---------------|---|----|---|----------------------|------------------------------|
| 297 | Cyclohexane | $\text{H}^\cdot + \text{c-C}_6\text{H}_{12} \longrightarrow \text{H}_2 + \text{c-C}_6\text{H}_{11}$ | 1 | 7.8×10^7 | Average of 3 values. | 741052 |
| | | | | 1 | 6×10^7 | γ -r.; C.k. with 2 |
| | | | | 1 | 7×10^7 | ϵ -r.; esr; Decay o |
| | | | | 3 | 1×10^8 | p.r.; P.b.k.; cor. |