

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
537	Acrylonitrile	$\text{e}_{\text{aq}}^- + \text{H}_2\text{C}=\text{CHCN} \longrightarrow \text{CH}_3\dot{\text{C}}\text{HCN}$		1.3×10^{10}	p.r.; D.k. at 575 nm in Ar-satd. soln.; other radical product identified by opt. and esr measurements.	79A144