No.	Compound name	Reaction equation	pH	Rate constant ($\mathrm{L\,mol^{-1}\,s^{-1}}$)	Comments	Reference
475	Phenol	$\mathrm{H^{\bullet} + C_6H_5OH \longrightarrow C_6H_6OH}$		1.7×10^9	Average of 3 values.	
			3	1.2×10^9	p.r.; P.b.k. at 335 nm.	86A331
			7	2.1×10^9	p.r.; esr; Decay of H signal.	71U303
			2.0	1.8×10^9	p.r.; P.b.k. at 330 nm.	670122