No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
361	Benzoic acid	$^{\bullet}\text{OH} + \text{C}_6\text{H}_5\text{CO}_2\text{H} \longrightarrow \text{HOC}_6\text{H}_5\text{CO}_2\text{H}$	≈ 3	4.3×10^9	p.r.; P.b.k. at 340 nm; cor. for ($\text{H}^{\bullet}$ + BzOH) and ($^{\bullet}\text{OH} + {}^{\bullet}\text{OH}$).	680229

1