

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
458	p-Nitrobenzoic acid	$\text{H}^\bullet + \text{O}_2\text{NC}_6\text{H}_4\text{CO}_2\text{H} \longrightarrow \text{NO}_2\text{C}_6\text{H}_5\text{CO}_2\text{H}$		9.9×10^8	Average of 2 values.	
			2	1.0×10^9	p.r.; P.b.k. at 400 nm; CD ₃ OH as OH scavenger.	700211
			1	9.8×10^8	p.r.; P.b.k.; CD ₃ OH as OH scavenger.	690001