

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
554	8,4-Dihydroxyacetophenone	.OH + (HO) ₂ C ₆ H ₃ COCH ₃ →	7	1.0 × 10 ¹⁰	p.r.; C.k.; $pK_a = 7.8$; rel. to $k(\text{.OH} + \text{DCIP})$.	79A303