

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
111	Hypoiodous acid	$\cdot\text{OH} + \text{HOI} \longrightarrow \text{HOIOH}$	9	7×10^9	p.r.; P.b.k. (350–550 nm) in N ₂ O-satd. I ⁻ -free soln. contg. 10 ⁻² mol L ⁻¹ borax buffer and HOI (5–10 × 10 ⁻⁴ mol L ⁻¹).	86A901