

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
373	Bilirubin dianion	$\cdot\text{OH} + \text{BR}^{2-} \longrightarrow \text{BROH}^{2-}$		1.0×10^{10}	Average of 2 values.	
			10.9	1.3×10^{10}	p.r.; P.b.k. in soln. contg. 10^{-3} mol L ⁻¹ NaOH and 10^{-4} mol L ⁻¹ pigment.	83A302
			12	8×10^9	p.r.; P.b.k. at 540 nm in N ₂ O-satd. soln. contg. $2 - 10 \times 10^{-5}$ mol L ⁻¹ bilirubin; cor. for $\cdot\text{O}^-$.	771137