

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1246	Tryptophan	.OH + TrpH → HO–TrpH		1.8×10^{10}	Average of 3 values.	
			6.5-8.5	1.3×10^{10}	p.r.; P.b.k.; estd. that <60% addn. to pyrrole ring, <40% addn. to benzene ring.	84A093
			8.8	1.2×10^{10}	p.r.; P.b.k. at 310 nm.	690459
			6.1-6.3	1.4×10^{10}	p.r.; C.k.; rel. to k(.OH + SCN ⁻).	650388