

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
271	Acid Blue 40 monoanion	·OH + AB-40 →		1.2 × 10 ¹⁰	Average of 6 values.	
			6.3	1.3 × 10 ¹⁰	-r.; C.k.; obs. G(-dye); rel. to <i>k</i> (·OH + 1-PrOH).	760062
			6.3	1.1 × 10 ¹⁰	-r.; C.k.; obs. G(-dye); rel. to <i>k</i> (·OH + MeOH).	760062
			6.3	1.3 × 10 ¹⁰	-r.; C.k.; obs. G(-dye); rel. to <i>k</i> (·OH + tert-BuOH).	760062
			6.3	1.4 × 10 ¹⁰	-r.; C.k.; obs. G(-dye); rel. to <i>k</i> (·OH + BuOH).	760062