

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
342	5-Azacytosine	.OH + 5-AzaCy → 5-AzaCy-OH	8.0	2.1×10^9	p.r.; C.k. in soln. contg. 2×10^{-3} mol L ⁻¹ phosphate buffer; similar value obtained rel. to $k(.OH + Fe(CN)_6^{4-}) = 9.3 \times 10^9$; rel. to $k(.OH + SCN^-)$	83A297