

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
508	2'-Deoxycytidine-5'- monophosphate	.OH + dCMP → dCMP(OH)		5.0 × 10 <sup>9</sup>	Average of 2 values.	
			7	4.9 × 10 <sup>9</sup>	p.r.; P.b.k.	731071
			6.7-7	5.0 × 10 <sup>9</sup>	p.r.; C.k.; $pK_a = 4.6, 6$ ; at pH 2-2.2 $k = 3.0 \times 10^9$ , at pH 4.3-4.5 $k = 6.3 \times 10^9$ ; rel. to $k(\text{.OH} + \text{SCN}^-)$ .	650388