

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1201	Thymidine 5'-monophosphate	.OH + TMP → TMP-OH	6.5-7.0	$5.2 \times 10^9$	p.r.; C.k.; NH <sub>4</sub> <sup>+</sup> salt; $pK_a = 1.6, 6.5, 10.0$ ; at pH 2-2.2 $k = 4.3 \times 10^9$ ; rel. to $k(\text{.OH} + \text{SCN}^-)$ .	650388