

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
774	Histidine	.OH + His → His-OH	6-7	5.0×10^9	p.r.; C.k.; $pK_a = 1.82, 6.0, 9.17$; at pH 2-2.2 $k = 1.9 \times 10^9$; rel. to $k(.OH + SCN^-)$.	650388