

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1056	Histidylhistidine	e _{aq} ⁻ + HisHis →	6.83	2.4 × 10 ⁹	p.r.; D.k. at 720 nm; at pH 5.5, 7.3 and 8.37 $k = 7.9 \times 10^9$, 1.3×10^9 and 2.85×10^8 , resp.; $pK_a = \sim 2, 5.4, 6.5, 8$.	673005