

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1055	Histidine, negative ion	e <sub>aq</sub> <sup>-</sup> + His <sup>-</sup> →	11.04	< 1.4 × 10 <sup>6</sup>	p.r.; D.k. at 550 nm in soln. contg. <i>tert</i> -BuOH; <i>pK<sub>a</sub></i> = 6.0, 9.17; see paper for product anal.; at pH 10.24 <i>k</i> = 5.3 × 10 <sup>6</sup> .	771122