

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1054	Histidine, conjugate monoacid	e <sub>aq</sub> <sup>-</sup> + HisH <sup>+</sup> →	4.82	2.8 × 10 <sup>9</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.	771122