

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
502	N-Acetylalanine, negative ion	$\text{e}_{\text{aq}}^- + \text{AcAla}^- \longrightarrow$		$1.1 \times 10^7$	Average of 2 values.	
			7.0	$1.2 \times 10^7$	p.r.; D.k. at 700 nm in buffered soln. contg. 1 mol L <sup>-1</sup> tert-BuOH; $pK_a = 3.7$ .	741058
			8.6-9.0	$1.0 \times 10^7$	p.r.; D.k. at 720 nm.	673005