

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
547	Alanine	$\text{e}_{\text{aq}}^- + \text{Ala} \longrightarrow$		$9.0 \times 10^6$	Average of 2 values.	
			7.4	$1.2 \times 10^7$	p.r.; D.k. at 700 nm in buffered soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH.	741058
			6.4	$5.9 \times 10^6$	p.r.; D.k. at 650 nm; solute is DL.	650389