

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1307	Penicillamine	$\text{e}_{\text{aq}}^- + \text{PenSH} \longrightarrow \text{.C(CH}_3)_2\text{CH(NH}_3^+)\text{CO}_2^- + \text{HS}^-$		$7.6 \times 10^9$	Average of 2 values.	
			5.3		$1.0 \times 10^{10}$	p.r.; D.k. at 70
			6.5		$5.1 \times 10^9$	p.r.; D.k. at 72