No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
494	Cysteamine, conjugate acid	$.OH + HSCH_2CH_2NH_3{}^+ \longrightarrow .SCH_2CH_2NH_3{}^+ + H_2O$		1.8×10^{10}	Average of 2 values.	
				2.0×10^{10}	p.r.; esr; C.k.; rel. to $k(.OH + U)$.	723003
			1.4	1.6×10^{10}	p.r.; C.k.; $pK_a = 8.6, 10.7$; at pH 6.5 and 9 $k = 1.4 \times 10^{10}$; rel. to $k(.OH + SCN^-)$.	670554