No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
313	Cysteine (SH abstr.)	$H^{\cdot} + HSCH_2CH(NH_3^{+})CO_2H \longrightarrow H_2S + \cdot CH_2CH(NH_3^{+})CO_2^{-}$	~ 6	1.0×10^{9} [a]	e.d.; Calcd. from loss of -SH groups at $\sim 5°C$, as well as formn. of H_2S.	649012