No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
312	Cysteine (H abstr.)	$H\cdot + {}^{+}HSCH_2CH(NH_3{}^{+})CO_2H \longrightarrow H_2 + \cdot SCH_2CH(NH_3{}^{+})CO_2{}^{-}$		1.8×10^9	phot.; C.k.; obs. H_2 yields; rel. to k(H· + AA).	757486