No.	Compound name	Reaction equation		pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
738	Chlorodiphenylmethane	$e_{aq}^{-} + (C_6H_5)_2CHCl$ $(C_6H_5)_2CH^{\bullet} + Cl^{-}$	$\longrightarrow$	~ 8	9.5×10^{8}	p.r.; P.b.k. in at 327 nm in N_2-satd. soln. contg. 1 mol L^{-1} $tert$-BuOH and $9\text{--}20 \times 10^{-4}$ mol L^{-1} Ph_2CHCl.	86A410