No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
262	2-Butanol	$H^{\cdot} + C_2H_5CH(OH)CH_3 \longrightarrow H_2 + CH_3CH_2COHCH_3$		1.0×10^8	Average of 2 values.	
		$H^{\cdot} + C_2H_5CH(OH)CH_3 \longrightarrow H_2 + CH_3CH_2COHCH_3$	1	1.2×10^8	e-r.; esr; Decay of spin polarization, compared with 2-PrOH(7D); product includes $CH_3CHOHCHCH_3$ and $.CH_2CHOHCH_2CH_3$; rel. to $k(H^{\cdot} + BzOH)$.	710003
		$H^{\cdot} + C_2H_5CH(OH)CH_3 \longrightarrow H_2 + CH_3CH_2COHCH_3$	1	8.7×10^7	γ-r.; C.k. with 2-PrOH(7D); product includes $.CH_3CHCHOHCH_3$, $CH_2CHOHCH_2CH_3$, and $.CH_2CH_2CHOHCH_3$; rel. to $k(H^{\cdot} + BzOH)$.	710017