No.	Compound name	Reaction equation	рН	Rate constant $(\operatorname{L}\operatorname{mol}^{-1}\operatorname{s}^{-1})$	Comments	Reference
169	Acetaldehyde	$\text{H} \cdot ^{+} \text{CH}_{3} \text{CHO} \longrightarrow$	1	3.1×10^7	$e\text{-}r;$ esr; Decay of spin polarization, compared with 2-PrOH(7D); 83% H abstr. [730053]; rel. to $k(\text{H}\cdot+\text{BzOH}).$	710003