

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
505	Pyridine	$\text{H}^{\bullet+} \text{py} \longrightarrow \text{pyH}$		7.8×10^8	Average of 2 values.	
			7	6.0×10^8	esr; Decay of spin polarization, compared with EtOH. in phosphate buffered soln.; rel. to $k(\text{H}^{\bullet} + \text{BzOH})$.	720039
			~ 6	9.6×10^8	γ -r.; C.k.; rel. to $k(\text{H}^{\bullet} + 2\text{-PrOH})$.	640095