

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
377	Glycolate Ion	$\text{H}^\bullet + \text{HOCH}_2\text{CO}_2^- \longrightarrow \text{H}_2 + \text{CHOHCO}_2^\bullet$	4.6	4.6×10^7	Average of 2 values.	
			5.5	5.5×10^7	p.r.; Unpublished value, A. Shafferman and G. Stein.	741007
			7	3.7×10^7	e-r.; esr; Decay of spin polarization, compared with EtOH. in phosphate buffered soln.; rel. to $k(\text{H}^\bullet + \text{BzOH})$.	720039