

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
216	Ascorbate ion	$\text{H} \cdot + \text{AH}^- \longrightarrow$	7	$\sim 3 \times 10^8$	e-r.; esr; Decay of spin polarization, compared with EtOH. in phosphate buffered soln.; uncertainty is due to cor. for e_{aq}^- reaction; rel. to $k(\text{H} \cdot + \text{BzOH})$.	720039