

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
336	L-Ascorbate-2-sulfate Ion	$\cdot\text{OH} + [\text{2-SO}_4\text{A}]^{2-} \longrightarrow \text{addn}\cdot$		4.2×10^9	p.r.; D.k. at 254 nm; p.b.k. at 360 (A \cdot^-) and 290 nm ([2-SO ₄ A] \cdot^-) gave $(4.5 \pm 0.3) \times 10^9$; intermediate OH-adducts postulated.	83A203