

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
911	3-O-Methyl-L-ascorbic acid	$\cdot\text{OH} + 3\text{-CH}_3\text{AH} \longrightarrow 3\text{-CH}_3\text{AH-OH}$	7.5-7.9	3.0×10^{10}	p.r.; P.b.k. at 290 nm	84A095