

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1462	cis,syn-Thymine dimer	$\text{e}_{\text{aq}}^- + (\text{Thym})_2 \longrightarrow (\text{Thym})_2^-$	8.0	1.5×10^{10}	p.r.; D.k. at 650 nm in N ₂ -satd. soln. contg. 0.02 mol L ⁻¹ phosphate buffer.	720309