

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1358	Psoralen-thymine 4',5'-adduct	$\text{e}_{\text{aq}}^- + \text{C}_{18}\text{H}_{12}\text{N}_2\text{O}_5 \longrightarrow \text{C}_{16}\text{H}_{12}\text{N}_2\text{O}_5^-$		1.4×10^{10}	p.r.; D.k. at 700 nm; soln. contains 1.3×10^{-5} mol L ⁻¹ adduct and 0.1 mol L ⁻¹ Na formate.	80A032