

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
476	Phenothiazine	H ⁺ C ₁₂ H ₉ NS →	1.3	1.2 × 10 ¹⁰	p.r.; P.b.k. at 330 nm as well as 460 nm in soln. contg. 0.083 mol L ⁻¹ <i>tert</i> -BuOH; 77% semiquinone formn. (addn. to N), 17% addn. to S and 6% addn. to the aromatic ring.	84A248