

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
546	Adriamycin, conjugate acid	$\text{e}_{\text{aq}}^- + {}^+\text{HAdH}_2 \longrightarrow {}^+\text{HAdH}_2^{\bullet-}$	6.5	2.5×10^{10}	p.r.; D.k. in soln. contg. adriamycin; $pK_a = 8.22, 9$
				3.5×10^{10}	p.r.; D.k. at 650 nm.
		~ 7	6.0×10^{10}	p.r.; D.k. at 650 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH.	76A256