

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1	Silver(I) Ion	$\text{H}^\bullet + \text{Ag}^+ \longrightarrow \text{H}^+ + \text{Ag}^0$	2	$1.2 \times 10^{10} \text{ }^b$	p.r.; P.b.k. at 310 nm.	650393
			1	$2.8 \times 10^{10} \text{ }^b$	p.r.; P.b.k. at 410 nm; contains tert-BuOH; $k$ increases with pressure $0 \rightarrow 6.7 \times 10^8 \text{ N m}^{-2}$ .	731053