

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
89	Mercury(I) Ion dimer	$\text{H} \cdot + \text{Hg}_2^{2+} \longrightarrow \text{H}^+ + \text{Hg}_2^+$	1.0	4.7×10^9	p.r.; P.b.k. at 300 nm; at pH 1.5-1.6 and 0, resp., $k = 4.1 \times 10^9$ and 4.6×10^9 .	79A063