

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
646	Ethylenediamine	$\cdot\text{OH} + \text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2 \longrightarrow$ $\text{H}_2\text{N}\dot{\text{C}}\text{HCH}_2\text{NH}_2 + \text{H}_2\text{O}$	10.0	5.5×10^9	p.r.; C.k. in O ₂ -satd. soln.; also detd. at pH 8.0, 720461 8.5, and 9.0; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$	