

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
596	1,1-Dimethylhydrazine	$\cdot\text{OH} + (\text{CH}_3)_2\text{NNH}_2 \longrightarrow \cdot\text{CH}_2\text{N}(\text{CH}_3)_2\text{NH}_2 + (\text{CH}_3)_2\text{NNH} + \text{H}_2\text{O}$	9.7	1.6×10^{10}	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	720003