

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
597	1,2-Dimethylhydrazine	$\cdot\text{OH} + \text{CH}_3\text{NHNHCH}_3 \longrightarrow$ $\cdot\text{CH}_2\text{NHNHCH}_3 + \text{CH}_3\text{NHNHCH}_3 +$ H_2O	10.1	1.4×10^{10}	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	720003