

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
599	1,2-Dimethylhydrazinium ion	$\cdot\text{OH} + \text{CH}_3\text{NH}_2\text{CH}_3^+ \longrightarrow$	3.5	7.2×10^8	p.r.; C.k.; $pK_a = 7.52$; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	720003