

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
598	1,1-Dimethylhydrazinium Ion	$\cdot\text{OH} + (\text{CH}_3)_2\text{NNH}_3^+ \longrightarrow$	3.5	8.1×10^8	p.r.; C.k.; $pK_a = 7.21$; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$	720003