No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
586	N,N-Dimethylaniline	$.\,\text{OH} + \text{C}_6\text{H}_5\text{N}(\text{CH}_3)_2 \longrightarrow$ $\text{HOC}_6\text{H}_5\text{N}(\text{CH}_3)_2 +$ $\text{C}_6\text{H}_5\text{N}(\text{CH}_3)\dot{C}H_2 + \text{H}_2\text{O}$		1.4×10^{10}	Average of 2 values.	

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