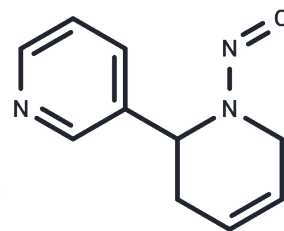


## N-Nitrosoanatabine

## Chemical Properties

CAS No. :	887407-16-1
Formula:	C <sub>10</sub> H <sub>11</sub> N <sub>3</sub> O
Molecular Weight:	189.21
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	N-Nitrosoanatabine (N-NAT; N'-Nitrosoanatabine) is a tobacco-specific nitrosamine (TSNA) found in tobacco, tobacco products, and e-cigarettes. The (S) enantiomer constitutes approximately 80% of N-NAT in commercial and research-use cigarettes and smokeless tobacco. Unlike other TSNAs, N-NAT does not exhibit carcinogenicity in rats when administered at doses of 1, 3, and 9 mmol/kg.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2851 mL	26.4257 mL	52.8513 mL
5 mM	1.057 mL	5.2851 mL	10.5703 mL
10 mM	0.5285 mL	2.6426 mL	5.2851 mL
50 mM	0.1057 mL	0.5285 mL	1.057 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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