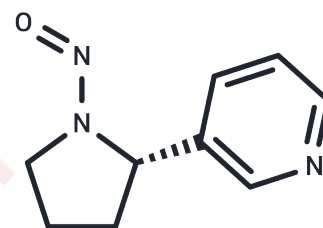


N-Nitrosornicotine

Chemical Properties

CAS No. : 16543-55-8
 Formula: C₉H₁₁N₃O
 Molecular Weight: 177.2
 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-Nitrosornicotine, a tobacco-specific nitrosamine, exhibits carcinogenic and mutagenic properties, and is capable of inducing micronuclei in C3A cells. Additionally, N-Nitrosornicotine can form DNA adducts.
Targets(IC50)	Apoptosis,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6433 mL	28.2167 mL	56.4334 mL
5 mM	1.1287 mL	5.6433 mL	11.2867 mL
10 mM	0.5643 mL	2.8217 mL	5.6433 mL
50 mM	0.1129 mL	0.5643 mL	1.1287 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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