

N-Nitrosodiethylamine-D10

Chemical Properties

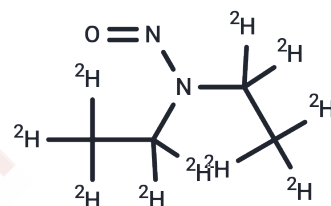
CAS No. : 1219794-54-3

Formula: C4D10N2O

Molecular Weight: 112.20

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-Nitrosodiethylamine-D10 is a deuterated compound of N-Nitrosodiethylamine. N-Nitrosodiethylamine (T35455) has a CAS number of 55-18-5. N-Nitrosodiethylamine (T35455) is a potent hepatocarcinogenic dialkylnitrosoamine. N-Nitrosodiethylamine (T35455) is mainly present in water, tobacco smoke, cheddar cheese, cured, fried meals and many alcoholic beverages. N-Nitrosodiethylamine (T35455) is responsible for the changes in the nuclear enzymes associated with DNA repair/replication. N-Nitrosodiethylamine (T35455) results in various tumors in all animal species. The main target organs are the liver, nasal cavity, trachea, lung and esophagus.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9127 mL	44.5633 mL	89.1266 mL
5 mM	1.7825 mL	8.9127 mL	17.8253 mL
10 mM	0.8913 mL	4.4563 mL	8.9127 mL
50 mM	0.1783 mL	0.8913 mL	1.7825 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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