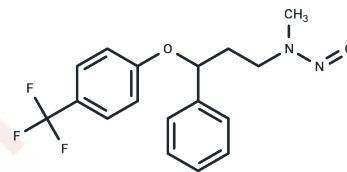


## N-Nitroso Fluoxetine

## Chemical Properties

CAS No. :	150494-06-7
Formula:	C <sub>17</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	338.32
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-Nitroso fluoxetine is a derivative of fluoxetine. It is genotoxic to <i>S. typhimurium</i> when used at concentrations ranging from 0.06 to 0.12 mg/ml.
Targets(IC50)	Others, Serotonin Transporter

## Solubility Information

Solubility	Dichloromethane: Slightly soluble Chloroform: Slightly soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9558 mL	14.7789 mL	29.5578 mL
5 mM	0.5912 mL	2.9558 mL	5.9116 mL
10 mM	0.2956 mL	1.4779 mL	2.9558 mL
50 mM	0.0591 mL	0.2956 mL	0.5912 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.

## Reference

Ozhan, G., and Alpertunga, B. Genotoxic activities of drug-nitrite interaction products. *Drug Chem. Toxicol.* 26(4):295-308(2003)

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