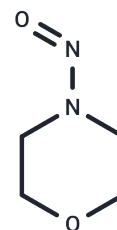


N-Nitrosomorpholine

Chemical Properties

CAS No. : 59-89-2
Formula: C₄H₈N₂O₂
Molecular Weight: 116.12
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	N-Nitrosomorpholine, a nitrosamine compound, exhibits sensitivity to light and is recognized as a potent carcinogen in animals.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 98 mg/mL (843.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.6118 mL	43.0589 mL	86.1178 mL
5 mM	1.7224 mL	8.6118 mL	17.2236 mL
10 mM	0.8612 mL	4.3059 mL	8.6118 mL
50 mM	0.1722 mL	0.8612 mL	1.7224 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.

Reference

K D Brunnemann, et al. N-Nitrosomorpholine and Other Volatile N-nitrosamines in Snuff Tobacco. Carcinogenesis. 1982;3(6):693-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481