N-ethyl-N-oxido-dodecan-1-amine

Cat. No.: HY-W127785

CAS No.: 1643-20-5

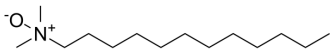
Molecular Formula: $C_{14}H_{31}NO$

Molecular Weight: 229.4

Target: Biochemical Assay Reagents

Pathway: Others

Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (435.92 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	4.3592 mL	21.7960 mL	43.5920 mL
	5 mM	0.8718 mL	4.3592 mL	8.7184 mL
	10 mM	0.4359 mL	2.1796 mL	4.3592 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (10.90 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (10.90 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (10.90 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

N,N-Dimethyldodecylamine N-oxide is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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