

EMDT

Chemical Properties

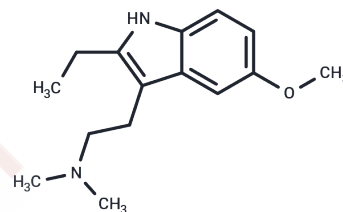
CAS No. : 263744-72-5

Formula: C₁₅H₂₂N₂O

Molecular Weight: 246.35

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	EMDT oxalate, a selective 5-HT ₆ agonist, exhibits antidepressant effects.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (202.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0593 mL	20.2963 mL	40.5927 mL
5 mM	0.8119 mL	4.0593 mL	8.1185 mL
10 mM	0.4059 mL	2.0296 mL	4.0593 mL
50 mM	0.0812 mL	0.4059 mL	0.8119 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

Svenningsson P, et al. Biochemical and behavioral evidence for antidepressant-like effects of 5-HT₆ receptor stimulation. J Neurosci. 2007 Apr 11;27(15):4201-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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