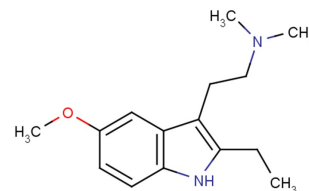


EMDT oxalate

Chemical Properties

CAS No.:	263744-72-5
Formula:	C ₁₅ H ₂₂ N ₂ O
Molecular Weight:	246.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	EMDT oxalate is a selective 5-HT ₆ agonist, and has antidepressant effects.
Targets(IC ₅₀)	5-HT ₆ Receptor: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.059 mL	20.296 mL	40.593 mL
5 mM	0.812 mL	4.059 mL	8.119 mL
10 mM	0.406 mL	2.03 mL	4.059 mL
50 mM	0.081 mL	0.406 mL	0.812 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481