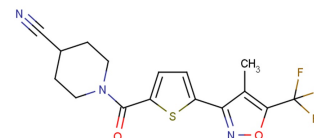


MAO-B-IN-1

Chemical Properties

CAS No.:	1124198-17-9
Formula:	C ₁₆ H ₁₄ F ₃ N ₃ O ₂ S
Molecular Weight:	369.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	MAO-B-IN-1 is a monoamine oxidase B inhibitor and can be used for the research of neurological diseases.
Targets(IC ₅₀)	Others: None
In vitro	MAO-B-IN-1 (10 µM) exhibits monoamine oxidase B inhibitory properties.

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	2.707 mL	13.537 mL	27.074 mL
5 mM	0.541 mL	2.707 mL	5.415 mL
10 mM	0.271 mL	1.354 mL	2.707 mL
50 mM	0.054 mL	0.271 mL	0.541 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. Therapeutic isoxazole compounds. US 8222243 B2

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