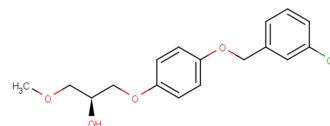


MAO-IN-1

Chemical Properties

CAS No.:	124991-40-8
Formula:	C ₁₇ H ₁₉ ClO ₄
Molecular Weight:	322.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	MAO-IN-1 is an inhibitor of monoamine oxidase B (MAO B; IC ₅₀ : 20 nM).
Targets(IC ₅₀)	MAO B: 20 nM

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	3.098 mL	15.49 mL	30.981 mL
5 mM	0.62 mL	3.098 mL	6.196 mL
10 mM	0.31 mL	1.549 mL	3.098 mL
50 mM	0.062 mL	0.31 mL	0.62 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. Arvanitis AG, et al. Alkylbenzyl ethers of hydroquinones as monoamine oxidase b inhibitors. Bioorg Med Chem Lett, 1996, 6 (2), pp. 115-120

Inhibitors · Natural Compounds · Compound Libraries

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