

MAO-IN-1

Chemical Properties

CAS No. : 124991-40-8

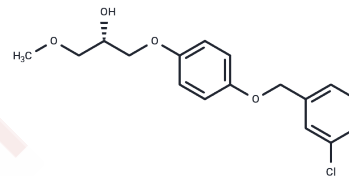
Formula: C₁₇H₁₉ClO₄

Molecular Weight: 322.78

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MAO-IN-1 is a potent monoamine oxidase B (MAO B) inhibitor (IC ₅₀ : 20 nM) for the study of neurologically related diseases.
Targets(IC ₅₀)	MAO

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0981 mL	15.4904 mL	30.9809 mL
5 mM	0.6196 mL	3.0981 mL	6.1962 mL
10 mM	0.3098 mL	1.549 mL	3.0981 mL
50 mM	0.062 mL	0.3098 mL	0.6196 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.

Reference

Arvanitis AG, et al. Alkylbenzyl ethers of hydroquinones as monoamine oxidase b inhibitors. Bioorg Med Chem Lett, 1996, 6 (2), pp. 115-120

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