

MAO-IN-1

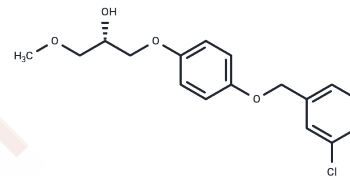
Chemical Properties

CAS No. : 124991-40-8

Formula: C₁₇H₁₉ClO₄

Molecular Weight: 322.78

Storage: Store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



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, Monoamine Oxidase

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.

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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481