

L-706000 free base

Chemical Properties

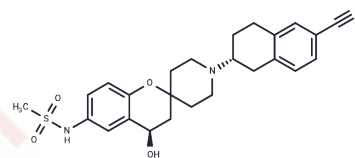
CAS No. : 161799-18-4

Formula: C₂₅H₂₉N₃O₄S

Molecular Weight: 467.58

Storage: 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	L-706000 (MK 499) free base is an effective hERG channel blocker, with an IC ₅₀ of 32 nM. It is classified as a Class III antiarrhythmic agent and is utilized in researching malignant ventricular tachycardia.
Targets(IC ₅₀)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1387 mL	10.6934 mL	21.3867 mL
5 mM	0.4277 mL	2.1387 mL	4.2773 mL
10 mM	0.2139 mL	1.0693 mL	2.1387 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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