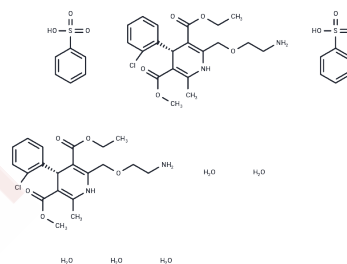


Levamlodipine besylate Hemipentahydrate

Chemical Properties

CAS No. : 884648-62-8
 Formula: C₂₀H₂₅ClN₂O₅.C₆H₆O₃S₂.5/2H₂O
 Molecular Weight: 1224.18
 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	Levamlodipine besylate hemipentahydrate is the besylate hemipentahydrate salt form of Levamlodipine. It is an orally effective calcium channel blocker with antioxidative and vasodilatory properties. This compound can reduce serum malondialdehyde (MDA) levels, enhance the activity of superoxide dismutase (SOD), and alleviate oxidative stress. Levamlodipine besylate hemipentahydrate is relevant for research in vascular dementia, hypertension, and cerebrovascular diseases.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8169 mL	4.0844 mL	8.1687 mL
5 mM	0.1634 mL	0.8169 mL	1.6337 mL
10 mM	0.0817 mL	0.4084 mL	0.8169 mL
50 mM	0.0163 mL	0.0817 mL	0.1634 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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