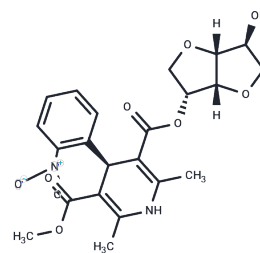


Sornidipine

Chemical Properties

CAS No. :	95105-77-4
Formula:	C ₂₂ H ₂₄ N ₂ O ₉
Molecular Weight:	460.43
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	Sornidipine is a calcium channel blocker that can also alleviate neurogenic inflammation. By blocking L-type calcium channels, it reduces the influx of calcium ions into cells, decreasing the contraction of vascular smooth muscle, which leads to vasodilation and lower blood pressure. Sornidipine is utilized in cardiovascular research, particularly for hypertension and related cardiovascular diseases.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1719 mL	10.8594 mL	21.7188 mL
5 mM	0.4344 mL	2.1719 mL	4.3438 mL
10 mM	0.2172 mL	1.0859 mL	2.1719 mL
50 mM	0.0434 mL	0.2172 mL	0.4344 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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