

Product Datasheet

Levamlodipine besylate Hemipentahydrate (orb2945185)

Catalog Number	orb2945185
Category	Small Molecules
Description	Levamlodipine besylate hemipentahydrate is the salt form of a calcium channel blocker with antioxidant and vasodilatory effects, shown to modulate oxidative stress markers like MDA and SOD. It is utilized in research models for hypertension, cerebrovascular disorders, and vascular dementia.
Target	Calcium Channel
MW	1224.18
CAS Number	884648-62-8
Formula	$C_{20}H_{25}ClN_2O_5 \cdot C_6H_6O_3S \cdot 5/2H_2O$
SMILES	<chem>O=S(O)(C1=CC=CC=C1)=O.CCOC(C2=C(COCCN)NC(C)=C(C(OC)=O)[C@@H]2C3=C(C=CC=C3)Cl)=O.O=S(O)(C4=CC=CC=C4)=O.CCOC(C5=C(COCCN)NC(C)=C(C(OC)=O)[C@@H]5C6=C(C=CC=C6)Cl)=O.O.O.O.O.O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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