

Product Datasheet

(S)-Amlodipine Besylate (orb1218766)

Catalog Number	orb1218766
Category	Small Molecules
Description	Levamlodipine, also known as S-amlodipine, is a pharmacologically active enantiomer of amlodipine, an antihypertensive and anti-anginal medication. Levamlodipine belongs to the dihydropyridine group of calcium channel blockers. The names S-amlodipine and levamlodipine may be used interchangeably as both substances are the same, however, with differing nomenclature. As a racemic mixture, amlodipine contains (R) and (S)-amlodipine isomers, but only (S)-amlodipine as the active moiety possesses therapeutic activity.
Target	Calcium Channel
Purity	>98% (HPLC)
MW	567.05
Target Areas	Calcium channel
Solubility (25°C)	DMSO:10 mM
CAS Number	150566-71-5
Formula	C ₂₆ H ₃₁ ClN ₂ O ₈ S
SMILES	<chem>OS(=O)(=O)c1ccccc1.CCOC(=O)C1=C(COCCN)NC(C)=C([C@@H]1c1ccccc1Cl)C(=O)OC</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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