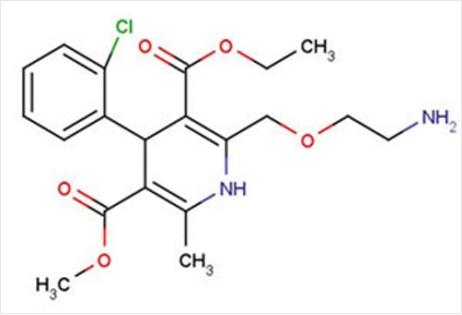
# (S)-Amlodipine Besylate Inhibitor

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | (S)-Amlodipine Besylate, Inhibitor |
| **Full Product Name** | (S)-Amlodipine Besylate (103129-82-4(Free Base)) |
| **Product Synonym Names** | Calcium Channel |
| **Form/Format** | POWDER |
| **Purity/Purification** | 99.9% |
| **Preparation and Storage** | Powder: 3 years -20 degree C<br>In Solvent: 2 years -80 degree C |
| **Molecular Weight** | 567.05 |
| **Formula** | C26H31ClN2O8S |
| **Smiles** | OS(=O)(=O)c1ccccc1.CCOC(=O)C1=C(COCCN)NC(C)=C([C@@H]1c1ccccc1Cl)C(=O)OC |
| **Solubility** | DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| **Receptor (IC50)** | Calcium channel |
| **Product Categories/Family for (S)-Amlodipine Besylate, inhibitor** | Cardiovascular Disease |
| **Related Product Information for (S)-Amlodipine Besylate, inhibitor** | 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. |
| **Product References and Citations for (S)-Amlodipine Besylate, inhibitor** | 1. Liu F,etal.Tolerability and effectiveness of (S)-amlodipine compared with racemic amlodipine in hypertension: a systematic review and meta-analysis.Curr Ther Res Clin Exp. 2010 Feb; 71(1):1-29. |
| **Other Notes** | Small volumes of (S)-Amlodipine Besylate, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for (S)-Amlodipine Besylate purchase** | MBS5750431 is an inhibitor targeting (S)-Amlodipine Besylate. Also known as (S)-Amlodipine Besylate (103129-82-4(Free Base)). |




**Chemical Structure of (S)-Amlodipine Besylate, inhibitor**

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.