

(S,S)-Benidipine-D5 hydrochloride

Chemical Properties

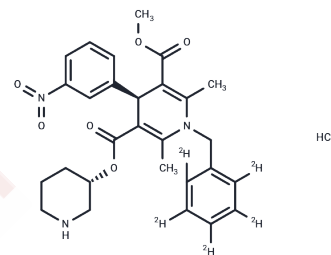
CAS No. :

Formula: C₂₈H₂₇D₅ClN₃O₆

Molecular Weight: 547.05

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	(S,S)-Benidipine-D5 hydrochloride is a deuterated compound of (S,S)-Benidipine hydrochloride.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.828 mL	9.1399 mL	18.2799 mL
5 mM	0.3656 mL	1.828 mL	3.656 mL
10 mM	0.1828 mL	0.914 mL	1.828 mL
50 mM	0.0366 mL	0.1828 mL	0.3656 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.

Reference

Gu L, et al. Pharmacological targeting of transcription-replication conflict leads to anti-cancer efficacy with minimal side effects in preclinical models. *Cancer Research*. 2021; 81(13_Supplement): 1269-1269.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481