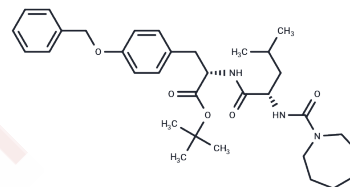


PD-151307

Chemical Properties

CAS No. : 225925-12-2
 Formula: C₃₃H₄₇N₃O₅
 Molecular Weight: 565.74
 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	PD-151307 is used as an N-type calcium channel blocker.
Targets(IC50)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7676 mL	8.838 mL	17.676 mL
5 mM	0.3535 mL	1.7676 mL	3.5352 mL
10 mM	0.1768 mL	0.8838 mL	1.7676 mL
50 mM	0.0354 mL	0.1768 mL	0.3535 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

Ryder TR, Hu LY, Rafferty MF, Millerman E, Szoke BG, Tarczy-Hornoch K. Multiple parallel synthesis of N,N-dialkyldipeptidylamines as N-type calcium channel blockers. *Bioorg Med Chem Lett.* 1999 Jul 5;9(13):1813-8. PubMed PMID: 10406647.

Ryder TR, Hu LY, Rafferty MF, Lotarski SM, Rock DM, Stoehr SJ, Taylor CP, Weber ML, Miljanich GP, Millerman E, Szoke BG. Structure-activity relationship at the leucine side chain in a series of N,N-dialkyldipeptidyl-amines as N-type calcium channel blockers. *Drug Des Discov.* 2000;16(4):317-22. PubMed PMID: 10807036.

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