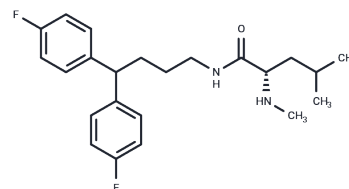


PD0176078

Chemical Properties

CAS No. : 248922-46-5
Formula: C₂₃H₃₀F₂N₂O
Molecular Weight: 388.49
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PD0176078 () is a newly blocker of N-type Calcium channel.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (128.7 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5741 mL	12.8703 mL	25.7407 mL
5 mM	0.5148 mL	2.5741 mL	5.1481 mL
10 mM	0.2574 mL	1.287 mL	2.5741 mL
50 mM	0.0515 mL	0.2574 mL	0.5148 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.

Reference

TakashiYamamoto, et al. Discovery, structure-activity relationship study, and oral analgesic efficacy of cyproheptadine derivatives possessing N-type calcium channel inhibitory activity. Bioorg Med Chem. 2006 Aug 1;

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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