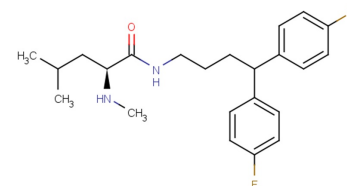


Data Sheet (Cat.No.T12385)

PD0176078

Chemical Properties

CAS No.: 248922-46-5
 Formula: C₂₃H₃₀F₂N₂O
 Molecular Weight: 388.49
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PD0176078 is a newly blocker of N-type Calcium channel.
Targets(IC ₅₀)	Calcium channel: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.574 mL	12.87 mL	25.741 mL
5 mM	0.515 mL	2.574 mL	5.148 mL
10 mM	0.257 mL	1.287 mL	2.574 mL
50 mM	0.051 mL	0.257 mL	0.515 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Takashi Yamamoto, 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;14(15):5333-9.

Inhibitors · Natural Compounds · Compound Libraries

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