

PD 0299685

Chemical Properties

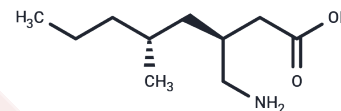
CAS No. : 313651-33-1

Formula: C₁₀H₂₁NO₂

Molecular Weight: 187.28

Storage: Pure form: -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 0299685 is a potent $\alpha\delta$ ligand of the Ca ²⁺ channel for the treatment of interstitial cystitis.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility DMSO: 55 mg/mL (293.68 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3396 mL	26.698 mL	53.396 mL
5 mM	1.0679 mL	5.3396 mL	10.6792 mL
10 mM	0.534 mL	2.6698 mL	5.3396 mL
50 mM	0.1068 mL	0.534 mL	1.0679 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

Chuang YC, Chermansky C, Kashyap M, Tyagi P. Investigational drugs for bladder pain syndrome (BPS) / interstitial cystitis (IC). Expert Opin Investig Drugs. 2016;25(5):521-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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