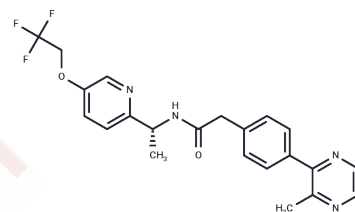


TTA-A8

Chemical Properties

CAS No. : 1146395-46-1
 Formula: C₂₂H₂₁F₃N₄O₂
 Molecular Weight: 430.42
 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	TTA-A8 is an antagonist of T-type calcium channel.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (116.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3233 mL	11.6166 mL	23.2331 mL
5 mM	0.4647 mL	2.3233 mL	4.6466 mL
10 mM	0.2323 mL	1.1617 mL	2.3233 mL
50 mM	0.0465 mL	0.2323 mL	0.4647 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

Yang ZQ, et al. Short-acting T-type calcium channel antagonists significantly modify sleep architecture in rodents. ACS Med Chem Lett. 2010 Aug 24;1(9):504-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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