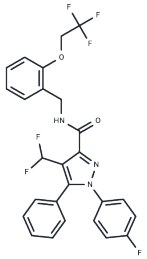
Data Sheet (Cat.No.T204798)

TargetMol

Cav 3.1 blocker 1

Chemical Properties



CAS No. : 2158201-04-6

Formula: C26H19F6N3O2

Molecular Weight: 519.438

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	Cav 3.1 blocker 1 (compound 12) is a T-type calcium channel inhibitor with an IC50 value of 160 nM for Cav3.1. It exhibits weaker inhibition on Cav 3.2 with an IC50 of 5000 nM and shows no inhibitory effect on Cav 3.3 and Cav 1.2 (IC50 > 10000 nM).
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9252 mL	9.6258 mL	19.2515 mL
5 mM	0.385 mL	1.9252 mL	3.8503 mL
10 mM	0.1925 mL	0.9626 mL	1.9252 mL
50 mM	0.0385 mL	0.1925 mL	0.385 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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