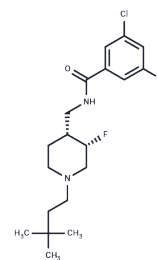


TTA-P1

Chemical Properties

CAS No. : 918333-06-9
 Formula: C₁₉H₂₇Cl₂FN₂O
 Molecular Weight: 389.33
 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-P1 is a highly potent compound that effectively inhibits human T-type calcium channels, which are involved in various physiological processes such as neuronal burst firing, hormone secretion, and cell growth. With its unique state-independent properties, TTA-P1 holds promising potential for advancing research on absence epilepsy [1].
Targets(IC50)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5685 mL	12.8426 mL	25.6852 mL
5 mM	0.5137 mL	2.5685 mL	5.137 mL
10 mM	0.2569 mL	1.2843 mL	2.5685 mL
50 mM	0.0514 mL	0.2569 mL	0.5137 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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