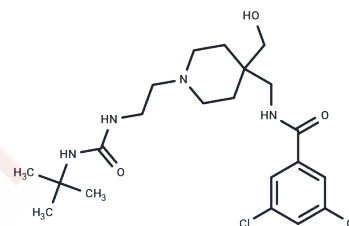


## Cav 3.2 inhibitor 4

## Chemical Properties

CAS No. : 1416984-93-4  
 Formula: C<sub>21</sub>H<sub>32</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 459.41  
 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 3.2 Inhibitor 4 (Compound 21) is a selective and potent inhibitor of the T-type calcium channel (Ca v 3.2), demonstrating peripheral restriction with an IC <sub>50</sub> value of 0.6 μM. It is utilized in atrial fibrillation research [1].
Targets(IC <sub>50</sub> )	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1767 mL	10.8835 mL	21.767 mL
5 mM	0.4353 mL	2.1767 mL	4.3534 mL
10 mM	0.2177 mL	1.0884 mL	2.1767 mL
50 mM	0.0435 mL	0.2177 mL	0.4353 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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