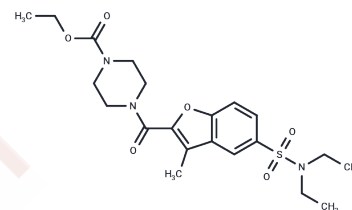


## Calcium Channel antagonist 6

## Chemical Properties

CAS No. : 687568-35-0  
 Formula: C<sub>21</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub>S  
 Molecular Weight: 451.54  
 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	Calcium Channel antagonist6 (Compound 328) is a highly selective antagonist of the voltage-gated calcium channel CaV2.2, with an IC <sub>50</sub> of 0.37 μM. It inhibits calcium ion influx caused by neuronal depolarization and shows potential for research in neuropathic pain.
Targets(IC <sub>50</sub> )	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2146 mL	11.0732 mL	22.1464 mL
5 mM	0.4429 mL	2.2146 mL	4.4293 mL
10 mM	0.2215 mL	1.1073 mL	2.2146 mL
50 mM	0.0443 mL	0.2215 mL	0.4429 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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