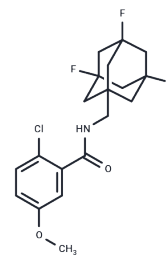


SMW139

## Chemical Properties

CAS No. : 2133010-38-3  
 Formula: C<sub>19</sub>H<sub>21</sub>ClF<sub>3</sub>NO<sub>2</sub>  
 Molecular Weight: 387.824  
 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	SMW139 is a selective allosteric antagonist of the P2X7 receptor, exhibiting a K <sub>i</sub> value of 32 nM for human P2X7R. In rat liver microsomes, its half-life is 47 minutes. SMW139 is applicable in research related to inflammation, Alzheimer's disease, and multiple sclerosis.
Targets(IC50)	Interleukin,P2X Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5785 mL	12.8926 mL	25.7852 mL
5 mM	0.5157 mL	2.5785 mL	5.157 mL
10 mM	0.2579 mL	1.2893 mL	2.5785 mL
50 mM	0.0516 mL	0.2579 mL	0.5157 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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