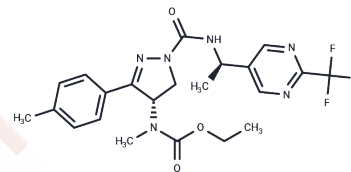


## P2X3 antagonist 38

## Chemical Properties

CAS No. : 2545974-71-6  
 Formula: C<sub>22</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O<sub>3</sub>  
 Molecular Weight: 478.47  
 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	Compound 38, also known as Compound 4, is a potent, orally active P2X3 antagonist that demonstrates inhibitory activity with IC <sub>50</sub> values of 0.132 μM, 0.165 μM, and 0.421 μM against human (hP2X3), rat (rP2X3), and guinea pig (gpP2X3) P2X3 receptors, respectively [1].
Targets(IC <sub>50</sub> )	P2X Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.090 mL	10.450 mL	20.900 mL
5 mM	0.418 mL	2.090 mL	4.180 mL
10 mM	0.209 mL	1.045 mL	2.090 mL
50 mM	0.0418 mL	0.209 mL	0.418 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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