

## P2X4 antagonist-4

## Chemical Properties

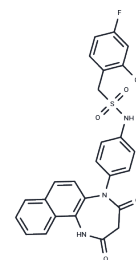
CAS No. :

Formula: C<sub>27</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>4</sub>S

Molecular Weight: 503.545

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	P2X4 antagonist-4 (compound 64) is a potent P2X4R antagonist with an IC <sub>50</sub> value of 8 μM. It can inhibit ATP-induced activation of the NLRP3 inflammasome and the subsequent release of IL-1β.
Targets(IC <sub>50</sub> )	P2X Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9859 mL	9.9295 mL	19.859 mL
5 mM	0.3972 mL	1.9859 mL	3.9718 mL
10 mM	0.1986 mL	0.993 mL	1.9859 mL
50 mM	0.0397 mL	0.1986 mL	0.3972 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.

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