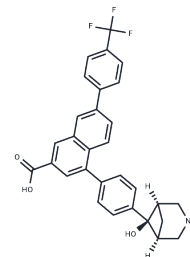


MRS4833

## Chemical Properties

CAS No. : 2801627-78-9  
 Formula: C<sub>30</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 503.51  
 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	MRS4833 (compound 15) is an orally active, potent, competitive antagonist of P2Y <sub>14</sub> R, exhibiting IC <sub>50</sub> values of 5.92 nM for hP2Y <sub>14</sub> R and 4.8 nM for mP2Y <sub>14</sub> R. It reduces airway eosinophilia in protease-mediated asthma models and reverses chronic neuropathic pain in mouse CCI models.
Targets(IC <sub>50</sub> )	P2Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9861 mL	9.9303 mL	19.8606 mL
5 mM	0.3972 mL	1.9861 mL	3.9721 mL
10 mM	0.1986 mL	0.993 mL	1.9861 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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