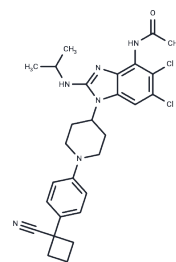


TRPV4 antagonist 4

Chemical Properties

CAS No. :	2918803-89-9
Formula:	C ₂₈ H ₃₂ Cl ₂ N ₆ O
Molecular Weight:	539.50
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	TRPV4 antagonist 4, a potent inhibitor of TRPV4 with an IC ₅₀ of 22.65 nM, effectively blocks TRPV4 current and demonstrates protective properties against acute lung injury [1].
Targets(IC ₅₀)	Others,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8536 mL	9.2678 mL	18.5357 mL
5 mM	0.3707 mL	1.8536 mL	3.7071 mL
10 mM	0.1854 mL	0.9268 mL	1.8536 mL
50 mM	0.0371 mL	0.1854 mL	0.3707 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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