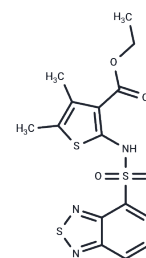


Calcium influx inducer compound 634

Chemical Properties

CAS No. :	882291-37-4
Formula:	C ₁₅ H ₁₅ N ₃ O ₄ S ₃
Molecular Weight:	397.49
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	Calcium influx inducer compound 634 is an agent that stimulates calcium entry. At a concentration of 10 μ M, it can enhance the release of extracellular vesicles (EVs) from mouse bone marrow-derived dendritic cells (mBMDCs). Furthermore, Calcium influx inducer compound 634 (10 μ M) increases the levels of surface CD86 and CD80 on mBMDCs, an effect that can be blocked by the calcium release-activated calcium channel inhibitor YM-58483.
Targets(IC50)	Calcium Channel, Immunology/Inflammation related

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5158 mL	12.5789 mL	25.1579 mL
5 mM	0.5032 mL	2.5158 mL	5.0316 mL
10 mM	0.2516 mL	1.2579 mL	2.5158 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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