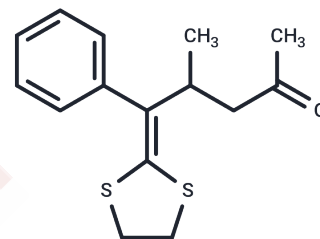


TRPV2-selective blocker 1

Chemical Properties

CAS No. :	2242724-49-6
Formula:	C ₁₅ H ₁₈ O ₂ S ₂
Molecular Weight:	278.43
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	TRPV2-selective blocker 1 (compound IV2-1) is a selective inhibitor of the TRPV2 channel, with an IC ₅₀ value of 6.3 μM, specifically targeting the TRPV2 channel without affecting TRPV1, TRPV3, or TRPV4 channels, and effectively suppresses TRPV2-mediated calcium influx in macrophages, inhibiting their phagocytic activity [1].
Targets(IC ₅₀)	Others,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5916 mL	17.9578 mL	35.9157 mL
5 mM	0.7183 mL	3.5916 mL	7.1831 mL
10 mM	0.3592 mL	1.7958 mL	3.5916 mL
50 mM	0.0718 mL	0.3592 mL	0.7183 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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