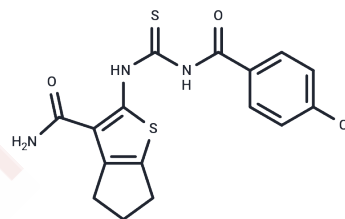


ANO1-IN-2

Chemical Properties

CAS No. :	637314-12-6
Formula:	C ₁₆ H ₁₄ ClN ₃ O ₂ S ₂
Molecular Weight:	379.88
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	ANO1-IN-2 (Compound 10q) is a potent and selective ANO1 channel blocker with an IC ₅₀ value of 1.75 μM against ANO1 and 7.43 μM against ANO2, demonstrating significant anti-proliferative activity in glioblastoma cells [1].
Targets(IC ₅₀)	Others,Chloride channel
In vitro	ANO1-IN-2 (Compound 10q) at 10 μM significantly inhibits U251 cell migration and invasion [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6324 mL	13.1621 mL	26.3241 mL
5 mM	0.5265 mL	2.6324 mL	5.2648 mL
10 mM	0.2632 mL	1.3162 mL	2.6324 mL
50 mM	0.0526 mL	0.2632 mL	0.5265 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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