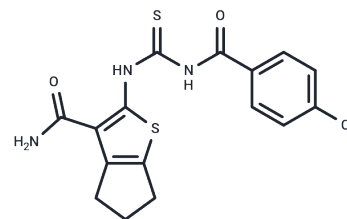


ANO1-IN-2

Chemical Properties

CAS No. : 637314-12-6
Formula: C₁₆H₁₄ClN₃O₂S₂
Molecular Weight: 379.88
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ANO1-IN-2 (Compound 10q) is a potent and selective ANO1 channel blocker. It exhibits an IC ₅₀ value of 1.75 μ M against ANO1 and 7.43 μ M against ANO2. Furthermore, ANO1-IN-2 demonstrates significant anti-proliferative activity in glioblastoma cells [1].
In vitro	ANO1-IN-2 (Compound 10q) at a concentration of 10 μ M significantly inhibits the migration and invasion of U251 cells [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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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