

CLE-030

Chemical Properties

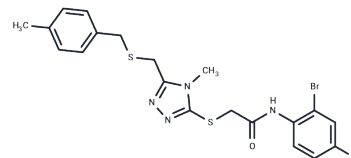
CAS No. : 2803111-66-0

Formula: C₂₀H₂₀Br₂N₄O₅S₂

Molecular Weight: 556.34

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CLE-030 is a KCNQ2 agonist. CLE030 stably binds to the central cavity. Functional analysis, molecular dynamics simulations, and calculations of the potential of mean force revealed that the carbonyl oxygen of CLE030 influences permeant ions in the central cavity to contribute to its activation effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7975 mL	8.9873 mL	17.9746 mL
5 mM	0.3595 mL	1.7975 mL	3.5949 mL
10 mM	0.1797 mL	0.8987 mL	1.7975 mL
50 mM	0.0359 mL	0.1797 mL	0.3595 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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