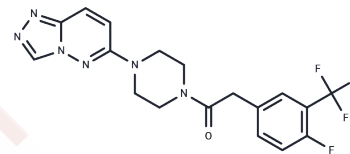


SLU-10482

Chemical Properties

CAS No. : 2755451-45-5
 Formula: C₁₈H₁₆F₄N₆O
 Molecular Weight: 408.35
 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	SLU-10482, an antiparasitic agent, effectively reduces <i>C. parvum</i> parasitic load in HCT-8 cells with an EC ₅₀ value of 0.07 μM. It exhibits lower affinity for human ether-a-go-go (hERG; K _d = 43 μM) compared to its counterpart, SLU-2633. When administered in vivo at dosages of 5 and 15 mg/kg twice daily, SLU-10482 significantly decreases fecal oocyst counts in mice infected with <i>C. parvum</i> .
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	DMSO: Soluble Methanol: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4489 mL	12.2444 mL	24.4888 mL
5 mM	0.4898 mL	2.4489 mL	4.8978 mL
10 mM	0.2449 mL	1.2244 mL	2.4489 mL
50 mM	0.049 mL	0.2449 mL	0.4898 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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