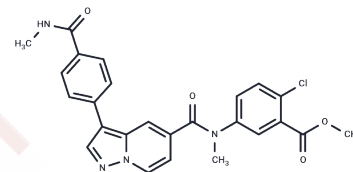


EDI048

Chemical Properties

CAS No. : 2767264-57-1
Formula: C₂₅H₂₁ClN₄O₄
Molecular Weight: 476.91
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	EDI048 is an orally active Cryptosporidium PI4K inhibitor, which can be used in the research of cryptosporidiosis.
Targets(IC50)	Parasite,PI4K

Solubility Information

Solubility	DMSO: 80 mg/mL (167.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0968 mL	10.4842 mL	20.9683 mL
5 mM	0.4194 mL	2.0968 mL	4.1937 mL
10 mM	0.2097 mL	1.0484 mL	2.0968 mL
50 mM	0.0419 mL	0.2097 mL	0.4194 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.

Reference

Joseph Michael Young, et al. Compounds and compositions for the treatment of cryptosporidiosis. Patent US20220112189A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481