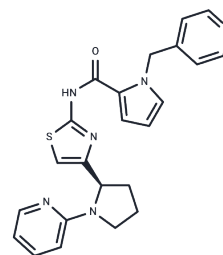


Sec61-IN-1

Chemical Properties

CAS No. : 2484865-42-9
 Formula: C₂₃H₂₂N₆O₅
 Molecular Weight: 430.53
 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	Sec61-IN-1, a powerful Sec61 inhibitor, impedes the translocation of proteins across the endoplasmic reticulum membrane.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (232.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3227 mL	11.6136 mL	23.2272 mL
5 mM	0.4645 mL	2.3227 mL	4.6454 mL
10 mM	0.2323 mL	1.1614 mL	2.3227 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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

Dustin McMinn, et al. Thiazole derivatives as protein secretion inhibitors. WO2020176863A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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