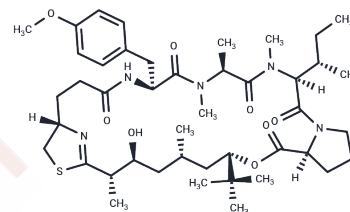


## Apratoxin S4

## Chemical Properties

CAS No. :	1334149-94-8
Formula:	C44H69N5O8S
Molecular Weight:	828.11
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	Apratoxin S4 (Apra S4), a potent inhibitor of Sec61, disrupts the cotranslational translocation of secretory proteins into the endoplasmic reticulum (ER), showcasing antiviral efficacy against select flaviviruses with IC <sub>50</sub> values spanning 0.46 nM to 170 nM. It also curtails retinal vascular cell activation by targeting various angiogenic pathways. This compound is valuable for investigating viral infections, angiogenic diseases, and cancers [1] [2].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2076 mL	6.0378 mL	12.0757 mL
5 mM	0.2415 mL	1.2076 mL	2.4151 mL
10 mM	0.1208 mL	0.6038 mL	1.2076 mL
50 mM	0.0242 mL	0.1208 mL	0.2415 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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