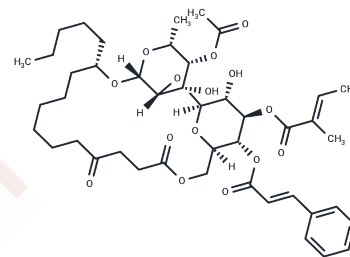


Ipomoeassin F

Chemical Properties

CAS No. :	915392-44-8
Formula:	C44H62O15
Molecular Weight:	830.95
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	Ipomoeassin F, a selective and potent inhibitor of endoplasmic reticulum (ER) protein translocation, targets the Sec61 complex's pore-forming subunit (Sec61 α) at the ER membrane. It inhibits the ER membrane translocation of SARS-CoV-2 proteins and blocks the ER translocation of secretory and type I transmembrane proteins (TMPs), without affecting type III TMPs [1] [2] [3].
Targets(IC50)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2034 mL	6.0172 mL	12.0344 mL
5 mM	0.2407 mL	1.2034 mL	2.4069 mL
10 mM	0.1203 mL	0.6017 mL	1.2034 mL
50 mM	0.0241 mL	0.1203 mL	0.2407 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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