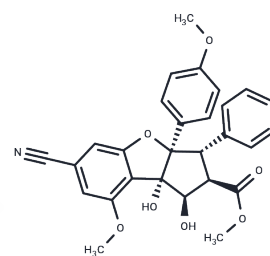


eIF4A3-IN-17

Chemical Properties

CAS No. : 1402931-75-2
 Formula: C₂₈H₂₅N₀O₇
 Molecular Weight: 487.5
 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	eIF4A3-IN-17, a silvestrol analogue, disrupts the assembly of the eIF4F translation complex, exhibiting EC ₅₀ values of 0.9, 15, and 1.8 nM for myc-LUC, tub-LUC, and growth inhibition of MBA-MB-231 cells, respectively. This compound holds potential for research in human cancer pathogenesis [1].
Targets(IC ₅₀)	Others,PERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0513 mL	10.2564 mL	20.5128 mL
5 mM	0.4103 mL	2.0513 mL	4.1026 mL
10 mM	0.2051 mL	1.0256 mL	2.0513 mL
50 mM	0.041 mL	0.2051 mL	0.4103 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

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