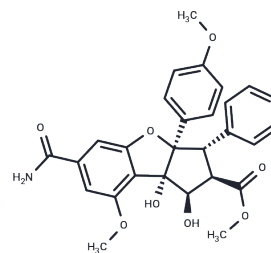


eIF4A3-IN-9

Chemical Properties

CAS No. : 1402931-71-8
 Formula: C₂₈H₂₇N₀O₈
 Molecular Weight: 505.52
 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-9, a silvestrol analogue, disrupts the assembly of the eIF4F translation complex, exhibiting EC ₅₀ values of 29, 450, and 80 nM for myc-LUC, tub-LUC, and growth inhibition in MBA-MB-231 cells, respectively. It is utilized in researching human cancer pathogenesis [1].
Targets(IC ₅₀)	Others,PERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9782 mL	9.8908 mL	19.7816 mL
5 mM	0.3956 mL	1.9782 mL	3.9563 mL
10 mM	0.1978 mL	0.9891 mL	1.9782 mL
50 mM	0.0396 mL	0.1978 mL	0.3956 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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