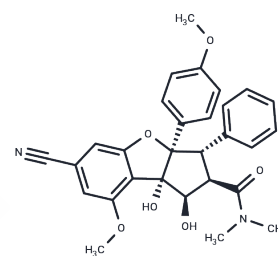


eIF4A3-IN-18

Chemical Properties

CAS No. : 1402931-84-3
 Formula: C₂₉H₂₈N₂O₆
 Molecular Weight: 500.54
 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-18, a silvestrol analogue, disrupts the formation of the eIF4F translation complex, exhibiting EC 50 values of 0.8, 35, and 2 nM for myc-LUC, tub-LUC, and the growth inhibition of MBA-MB-231 cells, respectively. Additionally, it demonstrates cytotoxicity towards RPMI-8226 cells with an LC 50 of 0.06 nM. This compound is utilized in researching human cancer pathogenesis [1].
Targets(IC50)	Others,PERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9978 mL	9.9892 mL	19.9784 mL
5 mM	0.3996 mL	1.9978 mL	3.9957 mL
10 mM	0.1998 mL	0.9989 mL	1.9978 mL
50 mM	0.040 mL	0.1998 mL	0.3996 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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