

IDB-001

Chemical Properties

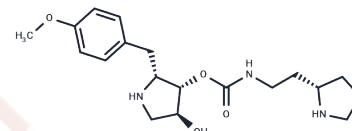
CAS No. : 3079913-81-5

Formula: C₁₉H₂₉N₃O₄

Molecular Weight: 363.451

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	IDB-001 is an inhibitor of the ribosomal PTC that selectively represses protein synthesis by sequence. It inhibits the viability of HCC-1143 cells with an EC ₅₀ of 0.84 μM and also hinders the viability of MYC-dependent cancer cells.
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7514 mL	13.7571 mL	27.5141 mL
5 mM	0.5503 mL	2.7514 mL	5.5028 mL
10 mM	0.2751 mL	1.3757 mL	2.7514 mL
50 mM	0.055 mL	0.2751 mL	0.5503 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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