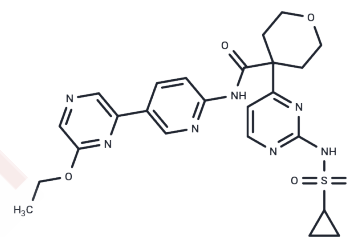


Dencatistat

Chemical Properties

CAS No. : 2377000-84-3
 Formula: C₂₄H₂₇N₇O₅
 Molecular Weight: 525.58
 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	Dencatistat is a highly selective and orally available cytidine triphosphate synthase 1 (CTPS1) inhibitor that specifically inhibits CTPS1 without affecting CTPS2. CTPS1-IN-2 reduces cancer cell proliferation for the treatment of B-cell, T-cell lymphomas and solid tumors.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9027 mL	9.5133 mL	19.0266 mL
5 mM	0.3805 mL	1.9027 mL	3.8053 mL
10 mM	0.1903 mL	0.9513 mL	1.9027 mL
50 mM	0.0381 mL	0.1903 mL	0.3805 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.

Reference

Darryl David DIXON, et al. Aryl ethers and uses thereof. WO2015035223A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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