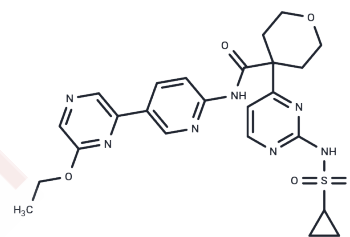


Dencatistat

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2377000-84-3 |
| Formula: | C ₂₄ H ₂₇ N ₇ O ₅ S |
| Molecular Weight: | 525.58 |
| Appearance: | Solid |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



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(IC ₅₀) | 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.

Reference

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

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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