

7,8-Dihydro-8-oxo-7-propargyl guanosine

Chemical Properties

CAS No. :

Formula: C₁₃H₁₅N₅O₆

Molecular Weight: 337.29

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 | 7,8-Dihydro-8-oxo-7-propargyl guanosine is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis , etc [1] . |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.9648 mL | 14.824 mL | 29.6481 mL |
| 5 mM | 0.593 mL | 2.9648 mL | 5.9296 mL |
| 10 mM | 0.2965 mL | 1.4824 mL | 2.9648 mL |
| 50 mM | 0.0593 mL | 0.2965 mL | 0.593 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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