

6-Mthoxy-9-beta-D-(2-C-ethynyl-ribofuranosyl) purine

Chemical Properties

CAS No. :

Formula: C₁₃H₁₄N₄O₅

Molecular Weight: 306.27

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 | 6-Methoxy-9-beta-D-(2-C-ethynyl-ribofuranosyl) purine is a purine nucleoside analog with broad antitumor activity targeting indolent lymphoid malignancies. Its anticancer mechanisms include inhibition of DNA synthesis and induction of apoptosis [1]. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2651 mL | 16.3255 mL | 32.6509 mL |
| 5 mM | 0.653 mL | 3.2651 mL | 6.5302 mL |
| 10 mM | 0.3265 mL | 1.6325 mL | 3.2651 mL |
| 50 mM | 0.0653 mL | 0.3265 mL | 0.653 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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