

N4-Benzoyl-2'-deoxy-2'-fluoro-β-D-arabinocytidine

Chemical Properties

CAS No. :

Formula: C₁₆H₁₆FN₃O₅

Molecular Weight: 349.31

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	N4-Benzoyl-2'-deoxy-2'-fluoro-β-D-arabinocytidine, a purine nucleoside analog, exhibits widespread antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer effects are mainly attributed to the inhibition of DNA synthesis and the induction of apoptosis. [1]
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8628 mL	14.3139 mL	28.6279 mL
5 mM	0.5726 mL	2.8628 mL	5.7256 mL
10 mM	0.2863 mL	1.4314 mL	2.8628 mL
50 mM	0.0573 mL	0.2863 mL	0.5726 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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