

2'-Chloro-N6-(3-trifluoromethyl)benzyl adenosine

Chemical Properties

CAS No. :

Formula: C₁₈H₁₇ClF₃N₅O₄

Molecular Weight: 459.81

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	2'-Chloro-N6-(3-trifluoromethyl)benzyl adenosine, a purine nucleoside analog, exhibits broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include inhibition of DNA synthesis and induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1748 mL	10.8741 mL	21.7481 mL
5 mM	0.435 mL	2.1748 mL	4.3496 mL
10 mM	0.2175 mL	1.0874 mL	2.1748 mL
50 mM	0.0435 mL	0.2175 mL	0.435 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.

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