Data Sheet (Cat.No.T75048)

TargetMol

3'-Beta-C-ethynyl-N6-(m-trifluoromethyl benzyl)adenosine

Chemical Properties

CAS No. :

Formula: C20H18F3N5O4

Molecular Weight: 449.38

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	3'-Beta-C-ethynyl-N6-(m-trifluoromethyl benzyl)adenosine is an adenosine analog. Adenosine analogs primarily act as smooth muscle vasodilators and have also demonstrated inhibition of cancer progression. Notable related compounds include adenosine phosphate, Acadesine, Clofarabine, Fludarabine phosphate, and Vidarabine [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2253 mL	11.1264 mL	22.2529 mL
5 mM	0.4451 mL	2.2253 mL	4.4506 mL
10 mM	0.2225 mL	1.1126 mL	2.2253 mL
50 mM	0.0445 mL	0.2225 mL	0.4451 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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