

1-(β -D-Xylofuranosyl)-N6-(m-trifluoromethylbenzyl)adenine

Chemical Properties

CAS No. :

Formula: C18H18F3N5O4

Molecular Weight: 425.36

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	1-(β -D-Xylofuranosyl)-N6-(m-trifluoromethylbenzyl)adenine is an adenosine analog that predominantly functions as a smooth muscle vasodilator and has been shown to inhibit cancer progression. Its notable products include adenosine phosphate, Acadesine, Clofarabine, Fludarabine phosphate, and Vidarabine [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3509 mL	11.7547 mL	23.5095 mL
5 mM	0.4702 mL	2.3509 mL	4.7019 mL
10 mM	0.2351 mL	1.1755 mL	2.3509 mL
50 mM	0.047 mL	0.2351 mL	0.4702 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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