

1-(β -D-Xylofuranosyl)-N6-Isopentenyladenine

Chemical Properties

CAS No. :

Formula: C15H21N5O4

Molecular Weight: 335.36

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-Isopentenyladenine is an adenosine analog that primarily functions as a smooth muscle vasodilator and has been shown to inhibit cancer progression. 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	2.9819 mL	14.9094 mL	29.8187 mL
5 mM	0.5964 mL	2.9819 mL	5.9637 mL
10 mM	0.2982 mL	1.4909 mL	2.9819 mL
50 mM	0.0596 mL	0.2982 mL	0.5964 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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