Data Sheet (Cat.No.T206583)

TargetMol

N6-Benzoyl-2'-deoxyadenosine monohydrate

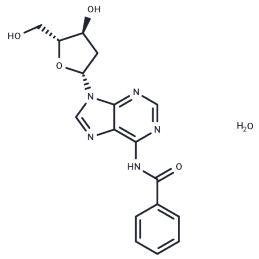
Chemical Properties

CAS No. : 305808-19-9

Formula: C17H19N5O5

Molecular Weight: 373.363

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	N6-Benzoyl-2'-deoxyadenosine monohydrate is a nucleoside analogue that helps diagnose bacterial infections by binding to double-stranded DNA and altering its structure, which can subsequently be detected using electrophoresis.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6784 mL	13.3919 mL	26.7838 mL
5 mM	0.5357 mL	2.6784 mL	5.3568 mL
10 mM	0.2678 mL	1.3392 mL	2.6784 mL
50 mM	0.0536 mL	0.2678 mL	0.5357 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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