

Rev 2'-O-MOE-A(Bz)-5'-amidite

## Chemical Properties

CAS No. :

Formula: C50H58N7O9P

Molecular Weight: 932.01

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	'Rev 2'-O-MOE-A(Bz)-5'-amidite is a nucleoside analog specifically categorized within the purine subset, renowned for its wide-ranging antitumor efficacy against indolent lymphoid malignancies. Its anticancer properties are primarily attributed to the inhibition of DNA synthesis and the induction of apoptosis, among other mechanisms [1].'
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0729 mL	5.3647 mL	10.7295 mL
5 mM	0.2146 mL	1.0729 mL	2.1459 mL
10 mM	0.1073 mL	0.5365 mL	1.0729 mL
50 mM	0.0215 mL	0.1073 mL	0.2146 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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