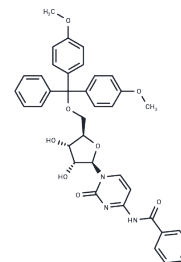


5'-O-DMT-Bz-rC

Chemical Properties

CAS No. :	81246-76-6
Formula:	C37H35N3O8
Molecular Weight:	649.69
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	5'-O-DMT-Bz-Rc is a modified nucleoside used in the synthesis of DNA or RNA.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 100 mg/mL (153.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (5.08 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5392 mL	7.696 mL	15.392 mL
5 mM	0.3078 mL	1.5392 mL	3.0784 mL
10 mM	0.1539 mL	0.7696 mL	1.5392 mL
50 mM	0.0308 mL	0.1539 mL	0.3078 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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