

5'-O-DMT-N4-Ac-2'-F-dC

Chemical Properties

CAS No. :	159414-98-9
Formula:	C32H32FN3O7
Molecular Weight:	589.611
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-N4-Ac-2'-F-dC, a modified nucleoside, is utilized for synthesizing DNA or RNA.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 250.00 mg/mL (424.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.30 mg/mL (5.60 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	1.696 mL	8.4802 mL	16.9604 mL
5 mM	0.3392 mL	1.696 mL	3.3921 mL
10 mM	0.1696 mL	0.848 mL	1.696 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481