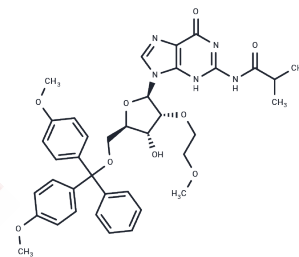


## 5'-O-DMT-N2-Ibu-2'-OMe-G

## Chemical Properties

CAS No. :	251647-50-4
Formula:	C38H43N5O9
Molecular Weight:	713.776
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-N2-Ibu-2'-OMe-G is a crucial intermediate in the synthesis of antisense oligonucleotides. These oligonucleotides are designed to match specific sequences and can pair with target mRNA, thereby inhibiting the translation process of the mRNA and suppressing the expression of certain proteins. This compound holds potential for research in genetic disorders and cancer.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.401 mL	7.005 mL	14.0099 mL
5 mM	0.2802 mL	1.401 mL	2.802 mL
10 mM	0.1401 mL	0.7005 mL	1.401 mL
50 mM	0.028 mL	0.1401 mL	0.2802 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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