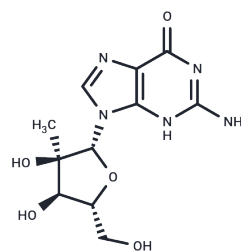


## 2'-C-beta-Methylguanosine

## Chemical Properties

CAS No. :	374750-30-8
Formula:	C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	297.27
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	2'-C-beta-Methylguanosine (2'-C-Methylguanosine) is a metabolite of the hepatitis C virus nucleotide polymerase inhibitor, BMS-986094, which has antiviral activity and inhibits dengue virus 2.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Antiviral

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3639 mL	16.8197 mL	33.6395 mL
5 mM	0.6728 mL	3.3639 mL	6.7279 mL
10 mM	0.3364 mL	1.682 mL	3.3639 mL
50 mM	0.0673 mL	0.3364 mL	0.6728 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.

## Reference

Lee J, et al. Molecular basis for the immunostimulatory activity of guanine nucleoside analogs: activation of Toll-like receptor 7. Proc Natl Acad Sci U S A. 2003 May 27;100(11):6646-51.

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