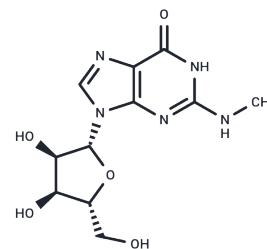


N2-Methylguanosine

Chemical Properties

CAS No. :	2140-77-4
Formula:	C ₁₁ H ₁₅ N ₅ O ₅
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	N2-Methylguanosine is a modified nucleoside found at several specific sites in various tRNAs.
Targets(IC50)	Nucleoside Antimetabolite/Analog, Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 2.98 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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

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