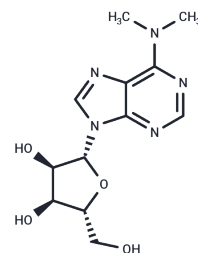


N6,N6-Dimethyladenosine

Chemical Properties

CAS No. :	2620-62-4
Formula:	C ₁₂ H ₁₇ N ₅ O ₄
Molecular Weight:	295.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N6,N6-Dimethyladenosine is found in mycobacterium bovis Bacille Calmette-Guérin tRNA.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Solubility Information

Solubility	DMSO: ≥ 125 mg/mL (423.31 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	3.3865 mL	16.9325 mL	33.865 mL
5 mM	0.6773 mL	3.3865 mL	6.773 mL
10 mM	0.3387 mL	1.6933 mL	3.3865 mL
50 mM	0.0677 mL	0.3387 mL	0.6773 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.

Reference

Chan CT, et al. Identification of N6,N6-dimethyladenosine in transfer RNA from Mycobacterium bovis Bacille Calmette-Guérin. *Molecules*. 2011 Jun 21;16(6):5168-81.

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