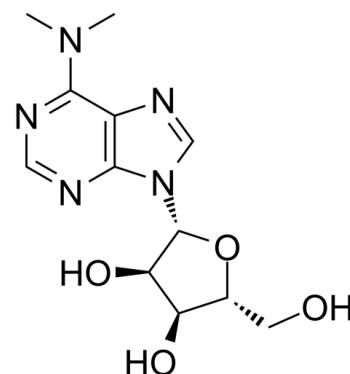


Data Sheet

Product Name:	N6,N6-Dimethyladenosine
Cat. No.:	CS-0022419
CAS No.:	2620-62-4
Molecular Formula:	C ₁₂ H ₁₇ N ₅ O ₄
Molecular Weight:	295.29
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Solubility:	DMSO : ≥ 125 mg/mL (423.31 mM)



BIOLOGICAL ACTIVITY:

N6,N6-Dimethyladenosine is a modified ribonucleoside previously found in rRNA, and also exhibits in mycobacterium bovis Bacille Calmette-Guérin tRNA^[1].

References:

[1]. 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.

CAIndexNames:

Adenosine, N,N-dimethyl-

SMILES:

OC[C@H]1[C@H]([C@H]([C@H](N2C=NC3=C2N=CN=C3N(C)C)O1)O)O

Caution: Product has not been fully validated for medical applications. For research use only.

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