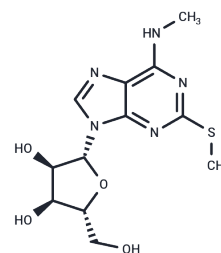


N6-Methyl-2-methylthioadenosine

Chemical Properties

CAS No. :	13406-51-4
Formula:	C ₁₂ H ₁₇ N ₅ O ₄ S
Molecular Weight:	327.36
Storage:	Store at low temperature, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N6-Methyl-2-methylthioadenosine is a thiomethylated protected nucleotide that can be used in the synthesis of nucleoside derivatives.
Targets(IC50)	Nucleoside Antimetabolite/Analog, Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0547 mL	15.2737 mL	30.5474 mL
5 mM	0.6109 mL	3.0547 mL	6.1095 mL
10 mM	0.3055 mL	1.5274 mL	3.0547 mL
50 mM	0.0611 mL	0.3055 mL	0.6109 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

Wang M, et al. Palladium-Catalyzed Thiomethylation via a Three-Component Cross-Coupling Strategy. *Org Lett.* 2018 Oct 5;20(19):6193-6197.

Yanachkov IB, et al. New highly active antiplatelet agents with dual specificity for platelet P2Y₁ and P2Y₁₂ adenosine diphosphate receptors. *Eur J Med Chem.* 2016 Jan 1;107:204-18.

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