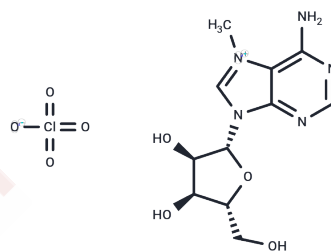


7-Methyladenosine perchlorate

Chemical Properties

CAS No. :	81319-59-7
Formula:	C ₁₁ H ₁₆ ClN ₅ O ₈
Molecular Weight:	381.73
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	7-Methyladenosine perchlorate is a synthetic analog of adenosine that acts as an agonist of adenosine receptors. It plays a role in modulating cellular signal transduction, making it useful in studying adenosine-related biological processes. Additionally, 7-Methyladenosine perchlorate can be utilized in compound development as a potential inhibitor.
Targets(IC50)	Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6197 mL	13.0983 mL	26.1965 mL
5 mM	0.5239 mL	2.6197 mL	5.2393 mL
10 mM	0.262 mL	1.3098 mL	2.6197 mL
50 mM	0.0524 mL	0.262 mL	0.5239 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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