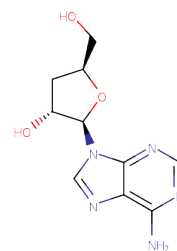


Cordycepin

Chemical Properties

CAS No. :	73-03-0
Formula:	C ₁₀ H ₁₃ N ₅ O ₃
Molecular Weight:	251.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cordycepin (3'-Deoxyadenosine) is a purine nucleoside antimetabolite and antibiotic isolated from the fungus Cordyceps militaris with potential antineoplastic activity.
Targets(IC50)	MMP,TNF,Antibacterial,Antibiotic,Autophagy

Solubility Information

Solubility	DMSO: 25.1 mg/mL(100 mM), (1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9803 mL	19.9013 mL	39.8026 mL
5 mM	0.7961 mL	3.9803 mL	7.9605 mL
10 mM	0.398 mL	1.9901 mL	3.9803 mL
50 mM	0.0796 mL	0.398 mL	0.7961 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

Ma L, Yang Y, Wang Y, et al. SIRBP1 promotes translational efficiency via SleIF4A2 to maintain chloroplast function in tomato. The Plant Cell. 2022

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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