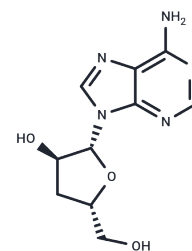


Cordycepin

Chemical Properties

CAS No. :	73-03-0
Formula:	C ₁₀ H ₁₃ N ₅ O ₃
Molecular Weight:	251.24
Storage:	Keep away from direct sunlight, 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	Cordycepin (3'-Deoxyadenosine) is a purine nucleoside antimetabolite and antibiotic derived from the fungus [<i>Cordyceps militaris</i>], exhibiting potential antineoplastic activity.
Targets(IC50)	MMP, Antibacterial, Antibiotic, Autophagy, TNF

Solubility Information

Solubility	DMSO: 25.63 mg/mL (102.01 mM), Sonication is recommended. H ₂ O: 8.29 mg/mL (33 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.96 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

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.

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

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