

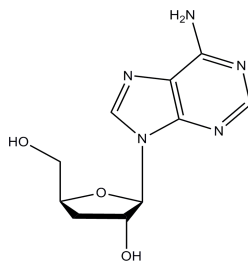
Cordycepin

ALTERNATE NAME: 3'-Deoxyadenosine

CATALOG #: 2078-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₃N₅O₃

MOLECULAR WEIGHT: 251.24

CAS NUMBER: 73-03-0

APPEARANCE: White solid

SOLUBILITY: DMSO (~100 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture.

DESCRIPTION: Cordycepin is a known polyadenylation inhibitor with a large spectrum of biological activities, including anti-proliferative, pro-apoptotic and anti-inflammatory effects. Can be converted to 3'-deoxyadenosine triphosphate (3'-dATP), which inhibits ATP-dependent DNA synthesis. Also acts as an AMPK activator and Akt inhibitor.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- A769662 (Cat. No. 1719-5)
- AICAR (Cat. No. 1687-50)
- Akt Inhibitor (Cat. No. 1701-1)
- Akt Inhibitor, Isozyme-Selective (Cat. No. 1708-1)
- DiscoveryPak™ PI 3 Kinase Inhibitor Set (Cat. No. K856-5)
- Metformin Hydrochloride (Cat. No. 1691-5G)
- MK-2206 (Cat. No. 1888-500, 1000)
- Perifosine(KRX-0401) (Cat. No. 1592-5, 25)
- Phenformin hydrochloride (Cat. No. 1889-100, 1000)
- SH-5 (Cat. No. 1818-500)
- SH-6 (Cat. No. 1819-500)
- SC66 (Cat. No. 1870-10, 50)
- Triciribine (Cat. No. 1707-1)

FOR RESEARCH USE ONLY! Not to be used in humans.