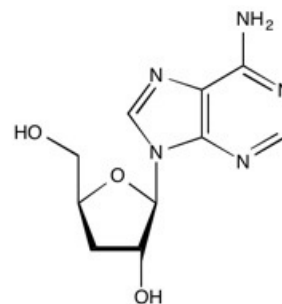


Cordycepin, PARP inhibitor

Catalog	Unit
TBI2408-10MG	10 mg
TBI2408-50MG	50 mg

Product Details

Formal Name: 3'-Deoxyadenosine
Alternate Names: NSC 63984
Molecular Formula: C₇H₁₆N₄O₃ • CH₂COOH
Formula Weight: 251.24
CAS Number: 73-03-0
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml)
Storage: -20°C
Stability: ≥ 1 year.



Applications

PARP inhibitor

Functions

An adenosine analog lacking the hydroxyl at the 3' position. Inhibits PARP1 and polyadenylation. Displays anti-inflammatory effects and neuroprotective effects by inhibiting Aβ-induced apoptosis in hippocampal neurons. Induces apoptosis in a variety of cancer cell lines. Displays antiobesity effects. Inhibits cell senescence via activation of AMPK. Maintains stem cell pluripotency and increases iPS cell generation efficiency.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.