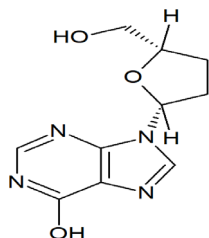


Didanosine

ALTERNATE NAME: DDI
9-((2R,5S)-5-(hydroxymethyl)-tetrahydrofuran-2-yl)-1H-purin-6(9H)-one
2,3-Dideoxyinosine

CATALOG #: B2702-50 50 mg
B2702-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₂N₄O₃

MOLECULAR WEIGHT: 236.23

CAS NUMBER: 69655-05-6

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Didanosine is a nucleoside analog that acts as a reverse transcriptase inhibitor (NRTI) with activity against Human Immunodeficiency Virus Type 1 (HIV-1). Didanosine is phosphorylated to active metabolites that compete for incorporation into viral DNA. They inhibit the HIV reverse transcriptase enzyme competitively and act as a chain terminator of DNA synthesis. Didanosine is effective against HIV, and usually used in combination with other antiviral therapy.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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

RELATED PRODUCTS:

Troviridine (B1212)
MK-1439 (B1250)
Tenofovir disoproxil fumarate (1920)
Azidothymidine (B1113)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*