

Product Name : Didanosine
Synonyms : NSC 612049
Cat No. : M15668
CAS Number : 69655-05-6
Molecular Formula : C₁₀H₁₂N₄O₃

Formula Weight : 236.23

Chemical Name : 9-[(2R,5S)-5-(hydroxymethyl)oxolan-2-yl]-3H-purin-6-one

Description : Didanosine is a reverse transcriptase inhibitor with an IC₅₀ of 0.49 μM.

Pathway : Microbiology/Virology

Target : Reverse Transcriptase

Receptor : Reverse Transcriptase

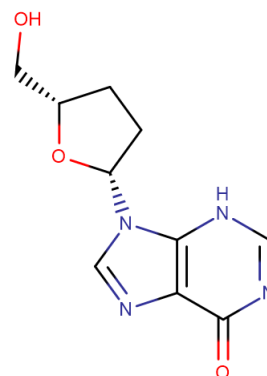
Solubility : DMSO: 47 mg/mL (198.95 mM)

SMILES : C1C[C@@H](O[C@@H]1CO)N2C=NC3=C2NC=NC3=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Benbrik E, et al. J Neuro Sci, 1997, 149(1), 19-25.