



CERTIFICATE OF ANALYSIS

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1. Identification

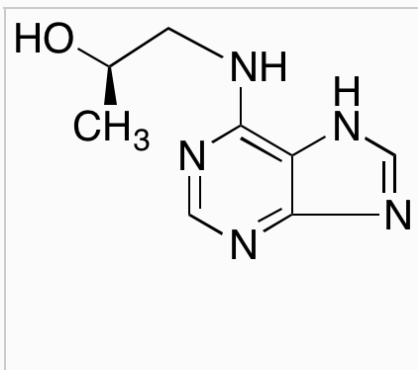
Catalogue Number: P840285

CAS Number: 1244022-52-3

Product: (2R)-1-(9H-Purin-6-ylamino)-2-propanol

Synonym: Tenofovir Related Compound 14; (2R)-1-[(7H-purin-6-yl)amino]propan-2-ol

Structure:



Molecular Formula:

C₈H₁₁N₅O

Molecular weight:

193.21

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 9-WBZ-96-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Light Yellow Solid	Light Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.74, %H: 5.64, %N: 35.88
HPLC Purity	Report Result	99.24% (210 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	0.5% by Karl Fischer
Specific Rotation	Report Result	-30.6° (c = 0.5, Methanol)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	11/18/2021	11/16/2025