

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

(2R, 3R, 4S, 5S)-2-(6-(methylamino)-9H-purin-9-yl)-5-((methylthio)methyl)tetrahydrofuran-3,4-diol

Identification

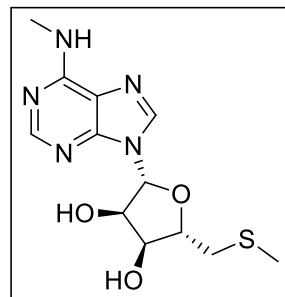
Chemical Name : (2R, 3R, 4S, 5S)-2-(6-(methylamino)-9H-purin-9-yl)-5-((methylthio)methyl)tetrahydrofuran-3,4-diol

CAT No : ALL-ADE-1322

CAS No : N.A

Molecular Formula : C₁₂H₁₇N₅O₃S

Molecular Weight : 311.36



Analytical Information

| | | | |
|------------------------------|----------------------|-------------------------|-----------|
| Batch Code | : ALL-ADE-1322 | HPLC Purity | : 97.98 % |
| Solubility | : MeOH: ACN | Potency | : 96.88 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 ⁰ C | IR Analysis | : Confirm |
| Water Content By TGA | : 1.067 % | ¹HNMR | : Confirm |
| Residue Of Ignition | : 0.051 % | | |

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

$$[100 - (1.067+0.051) \times 97.98]/100 = 96.88 \%$$

Recommendation : Released

| | Department | Name | Signature |
|--------------------------|------------|--|-----------|
| Prepared and Reviewed by | Analytical | Mr. Swapnil Kausatkar Jr. Executive | |
| Approved By | QA&QC | Dr. Ashish Keche Director QA&QC | |

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office