



CERTIFICATE OF ANALYSIS

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1. Identification

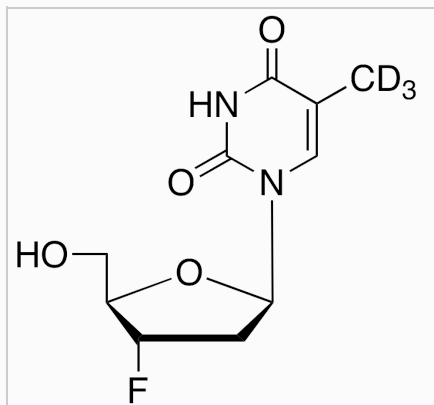
Catalogue Number: D235477

CAS Number: 1346523-18-9

Product: 3'-Deoxy-3'-fluorothymidine-d3

Synonym: 1-(3'-Deoxy-3'-fluoro-β-D-pentofuranosyl)thymine-d3; 3'-Fluoro-3'-

Structure:



Molecular Formula:

C₁₀H₁₀D₃FN₂O₄

Molecular weight:

247.24

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 4-MAR-48-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|-----------------------|--------------------------------|
| Appearance | White to Beige Solid | Off-White Solid |
| Melting Point | Report Result | 175 - 176°C |
| NMR | Conforms to Structure | Conforms |
| F NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 48,56, %H: 5.26, %N: 11.11 |
| MS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | 99.7% |

Additional Information: NA

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 |
|-------------|-------------|--------------------|------------|-------------|
| Eric Beaton | Rhonda Tu | Clarissa Santos | 10/18/2018 | 10/16/2028 |

EB

RTU

CAS