



CERTIFICATE OF ANALYSIS

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1. Identification

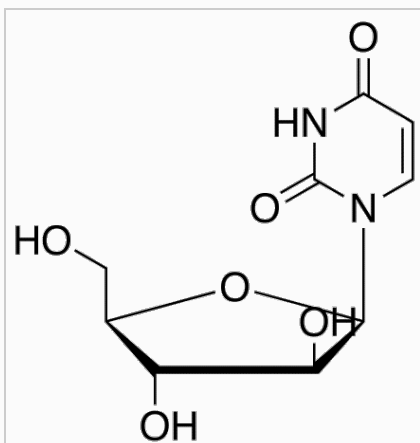
Catalogue Number: A764000

CAS Number: 3083-77-0

Product: 1-β-D-Arabinofuranosyluracil

Synonym: 1-β-D-Arabinofuranosyl-2,4(1H,3H)-pyrimidinedione; Ara-U; Arabinosyluracil; Arauridine; NSC 68928; Spongouridin; Spongouridine; Uracil β-D-Arabinofuranoside; Uracil Arabinoside; Cytarabine Impurity A;

Structure:



Molecular Formula:

C₉H₁₂N₂O₆

Molecular weight:

244.2

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 9-ANR-161-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------|--------------------------------|
| Appearance | White to Off-White Solid | White Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 44.16, %H: 4.92, %N: 11.49 |
| MS | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 99.22% (265 nm) |

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 |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 11/9/2022 | 11/7/2032 |