



CERTIFICATE OF ANALYSIS

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1. Identification

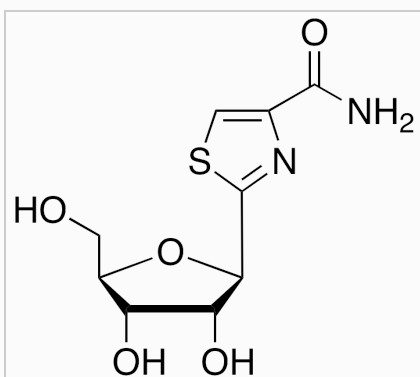
Catalogue Number: T437200

CAS Number: 60084-10-8

Product: Tiazofurin

Synonym: 2-β-D-Ribofuranosyl-4-thiazolecarboxamide;
CI 909; NSC 286-193; NSC 286193;
Riboxamide; TCAR; Tiazofurine; 2-β-D-
Ribofuranosylthiazole-4-carboxamide;

Structure:



Molecular Formula:

C₉H₁₂N₂O₅S

Molecular weight:

260.27

Source of Product:

Synthetic

Solubility:

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

Lot Number: 4-YHH-133-12

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|---------------------------|--------------------------------|
| Appearance | White to Pale Beige Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 41.04, %H: 4.60, %N: 10.47 |
| HPLC Purity | Report Result | 99.61% (205 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 | 8/15/2023 | 8/13/2027 |