



CERTIFICATE OF ANALYSIS

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1. Identification

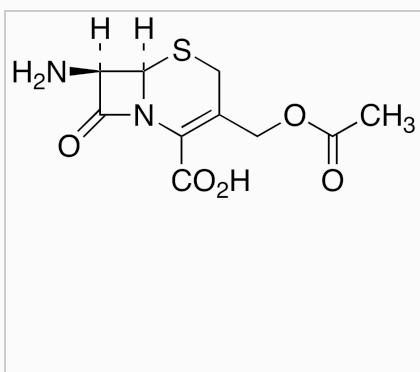
Catalogue Number: A603415

CAS Number: 957-68-6

Product: 7-Aminocephalosporanic Acid

Synonym: (6R,7R)-3-[(Acetyloxy)methyl]-7-amino-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; (7R)-7-Aminocephalosporanic Acid; 3-(Acetoxymethyl)-7-aminocephem

Structure:



Molecular Formula:

C₁₀H₁₂N₂O₅S

Molecular weight:

272.28

Source of Product:

N/A

Solubility:

3.9 mg/mL in DMSO (Heated),
Only soluble in DMSO

Lot Number: 1-DRJ-183-1

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 Pale Yellow Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 43.85, %H: 4.43, %N: 10.40 |

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 $\pm 2\%$. 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 |
|---------------|---------------|---------------------|-----------|-------------|
| Sarbjeet Kaur | Toni Rantanen | Christina Gouliaras | 9/15/2022 | 9/13/2026 |