



CERTIFICATE OF ANALYSIS

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1. Identification

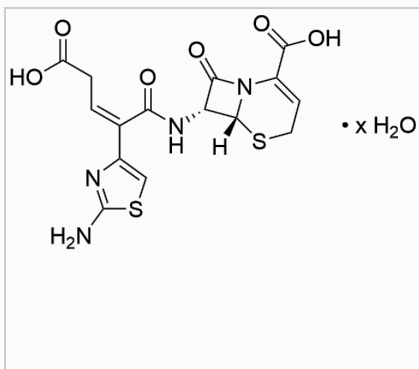
Catalogue Number: C244500

CAS Number: 118081-37-1

Product: Ceftibuten Hydrate

Synonym: [6R-[6 α ,7 β (Z)]]-7-[[2-(2-Amino-4-thiazolyl)-4-carboxy-1-oxo-2-butenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid Hydrate;

Structure:



Molecular Formula:

C₁₅H₁₄N₄O₆S₂ • x(H₂O)

Molecular weight:

410.42 + x(18.02)

Source of Product:

N/A

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 2023-MYF-060

Purity: 93%

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	Pale Yellow to Light Brown Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 40.44, %H: 3.99, %N: 12.58
HPLC Purity	Report Result	93.16% (265 nm)
MS	Conforms to Structure	Conforms

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
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	12/21/2023	12/19/2027