



CERTIFICATE OF ANALYSIS

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1. Identification

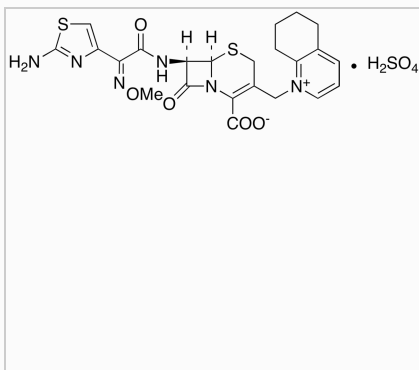
Catalogue Number: C244000

CAS Number: 118443-89-3

Product: Cefquinome Sulfate

Synonym: 1-[[[(6R,7R)-7-[[[(2Z)-2-(2-Amino-4-thiazolyl)-2-(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-5,6,7,8-tetrahydro-quinolinium Sulfate; Cefquinome Sulphate; HR 111V Sulfate; [6R-[6?,7?(Z)]]-1-[[7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-5,6,7,8-tetrahydro-quinolinium Sulfate;

Structure:



Molecular Formula:

C₂₃H₂₆N₆O₉S₃

Molecular weight:

626.68

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Sparingly)

Lot Number: 4-EOD-116-1

Purity: 95%

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	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-6.5° (c = 0.2, Methanol)
Elemental Analysis	Conforms	%C: 41.04, %H: 4.38, %N: 13.16
Water Content	Report Result	~4.7% based on Elemental Analysis

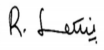
Additional Information: N/A

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

Swathi Reddy



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

4/19/2022

Retest Date

4/17/2026