

## 1. Identification

Catalogue Number

D289980

Lot Number

4-SUB-46-2

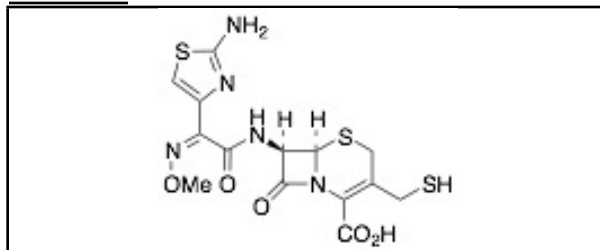
Product Name

Desfuroyl Ceftiofur (>85%)

Synonyms

(6R,7R)-7-[[[(2Z)-(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-(mercaptomethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; DFC; Defuroylceftiofur;

Structure



CAS Number

120882-22-6

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Dry Ice

Molecular Formula

C<sub>14</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>S<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-86°C, Hygroscopic

Molecular Weight

429.49

Purity

>85%

## 2. Warnings

Hygroscopic, Temperature Sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

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 ± 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

*A. Vijaya*

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Chanell Chu*

Chanell Chu

Quality Assurance Associate

Test Date

9/11/2024

Retest Date

9/9/2025