



1. Identification

Catalogue Number

D288275

Lot Number

18-YHU-134-1

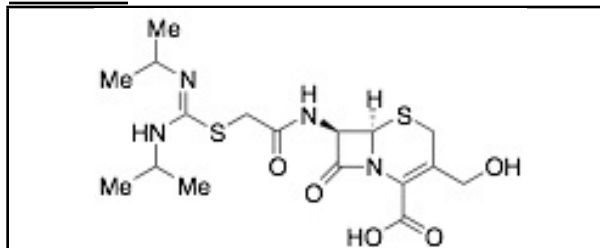
Product Name

Desacetyl Cefathiamidine

Synonyms

(6R,7R)-3-(Hydroxymethyl)-7-[[2-[[[(1-methylethyl)amino][(1-methylethyl)imino]methyl]thio]acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid

Structure



CAS Number

958001-61-1

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular Formula

C₁₇H₂₆N₄O₅S₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

430.54

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 45.65, %H: 6.18, %N: 12.49
HPLC Purity	>95%	98.20% (220 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+137.1° (c = 0.3, Methanol)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			7/31/2025	7/29/2029
Nicole Yip	Toni Rantanen	Nicole Badiali		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		