

1. Identification

Catalogue Number

A612020

Lot Number

19-ABY-161-1

Product Name

7b-Amino-7a-methoxy-3-(1-methyl-5-tetrazolylthio)methyl-3-cephem-4-carboxylic Acid Diphenylmethyl Ester

Synonyms

(6R,7S)-7-Amino-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid Diphenylmethyl Ester; 7-MAC; (6R-cis)-7-Amino-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid Diphenylmethyl Ester; Diphenylmethyl 7β-Amino-7α-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]

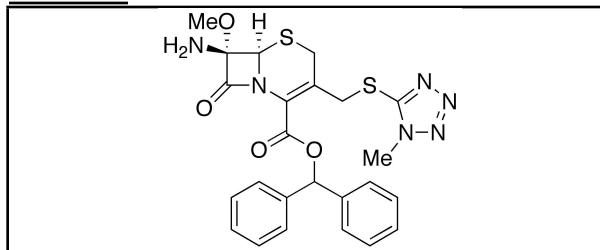
CAS Number

56610-72-1

Solubility

Chloroform (Slightly), Methanol (Slightly, Heated)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₄H₂₄N₆O₄S₂

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

524.62

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Yellow Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.45% (220 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 ± 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

R. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

9/20/2021

Retest Date

9/18/2025