



CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

N/A

Catalogue Number:

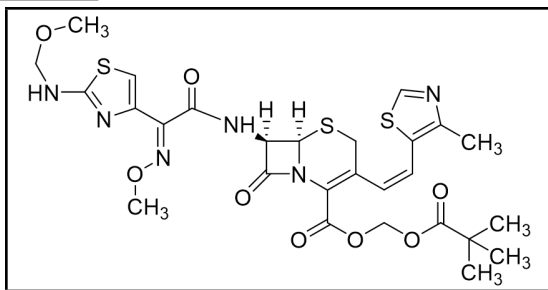
TRC-C242710

Product:

N-MOM-Cefditoren Pivoxil

Synonyms:

Structure:



Molecular Formula:

C₂₇H₃₂N₆O₈S₃

Molecular Weight:

664.77

Source of Product:

Synthetic

2. Analytical Information

Lot Number:

9-MMS-96-2

Atmosphere:

Inert Gas

Melting Point:

>95°C (dec.)

Solubility

Chloroform (Slightly), Methanol (Slightly)

Appearance of Product:

Pale Yellow Solid

Stability

Not Determined

Method for Determining Identity:

¹H NMR (CDCl₃, CD₃OD), ¹³C NMR (CD₃OD), and MS

Long Term Storage Condition:

-20°C, Inert atmosphere

Purity:

95.56% by HPLC

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.45.

¹H NMR, ¹³C NMR, and MS conform to structure.

Elemental Analysis: (Found) %C: 47.99, %H: 4.91, %N: 12.43; (Calculated) %C: 48.78, %H: 4.85, %N: 12.64

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.

Philip Chan, Head of Quality Assurance

QC Test Date

August 27, 2018

Retest Date

August 25, 2022