



1. Identification

Catalogue Number

P840365

Lot Number

18-ATH-52-4

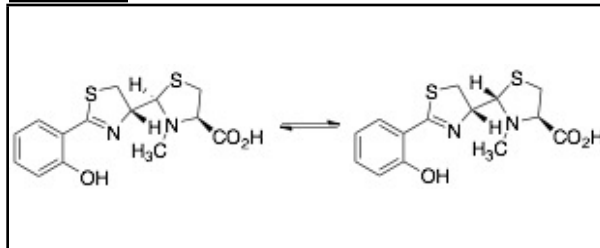
Product Name

Pyochelin I and Pyochelin II

Synonyms

(4R)-2-((R)-2-(2-hydroxyphenyl)-4,5-dihydrothiazol-4-yl)-3-methylthiazolidine-4-carboxylic Acid

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C₁₄H₁₆N₂O₃S₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

324.42

Purity

95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Light Yellow to Dark Orange Solid

Results

Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.68, %H: 4.86, %N: 8.42

HPLC Purity

Report Result

94.63% (215 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 $\pm 2\%$. 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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

5/30/2023

Retest Date

5/28/2027