



1. Identification

Catalogue Number

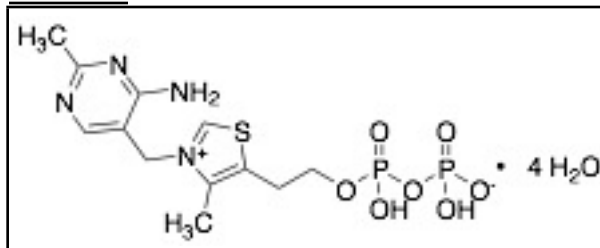
C633515

Lot Number

712006646-1-1

Product Name

Coccarboxylase Tetrahydrate

SynonymsStructureCAS Number

68684-55-9

SolubilityAqueous Acid (Slightly), Water
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{12}H_{18}N_4O_7P_2S \cdot 4H_2O$ Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

496.37

Purity

94%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 27.94, %H: 5.08, %N: 10.74

HPLC Purity

Report Result

94.32% (245 nm)

MS

Conforms to Structure

Conforms

Water Content

Report Result

14.5% by Karl Fischer

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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

6/7/2024

Retest Date

6/5/2028