

**1. Identification**Catalogue Number

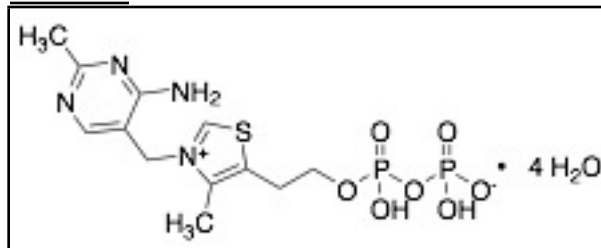
C633515

Lot Number

2025-HQN-039

Product Name

Coccarboxylase Tetrahydrate(>90%)

SynonymsStructureCAS Number

68684-55-9

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{12}H_{18}N_4O_7P_2S \cdot 4H_2O$ Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

496.37

Purity

>90%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 28.95, %H: 5.06, %N: 11.05
HPLC Purity	Report Result	100.00% (250 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	13.9%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/11/2025	8/9/2029
Jessica Wang Chi	Toni Rantanen	Nicole Badiali		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		