

**1. Identification**Catalogue Number

C685401

Lot Number

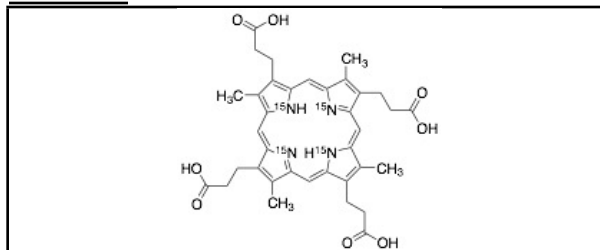
13-NBP-115-2

Product Name

Coproporphyrin I-15N4

Synonyms

3,8,13,18-Tetramethyl-21H,23H-porphine-2,7,12,17-tetrapropanoic -15N4 Acid;

StructureCAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{36}H_{38}^{15}N_4O_8$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

658.68

Purity

&gt;95%

**2. Warnings**

Light sensitive

**3. Analytical Information**Tests

Appearance

Specifications

Very Dark Red to Black Solid

Results

Very Dark Purple Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 63.95, %H: 5.71, %N: 8.22

HPLC Purity

&gt;95%

99.19% (395 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

99.2%

Additional InformationNormalized Intensity:  $d_0 = 0.03\%$ ,  $d_1 = 0.07\%$ ,  $d_2 = 0.04\%$ ,  $d_3 = 2.73\%$ ,  $d_4 = 97.13\%$ 

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

6/27/2023

Retest Date

6/25/2027