

## 1. Identification

Catalogue Number

B385300

Lot Number

712068016-1-2

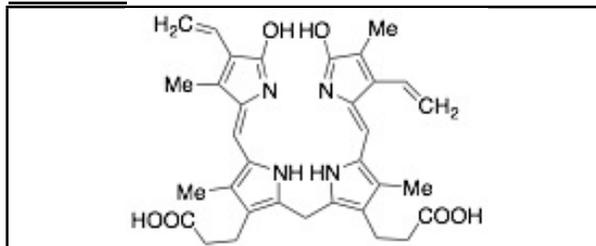
Product Name

Bilirubin (>90%)

Synonyms

2,17-Diethenyl-1,10,19,22,23,24-hexahydro-3,7,13,18-tetramethyl-1,19-dioxo-21H-bilene-8,12-dipropanoic Acid; Bilirubin IX $\alpha$ ;

Structure



CAS Number

635-65-4

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>33</sub>H<sub>36</sub>N<sub>4</sub>O<sub>6</sub>

Source of Product

N/A

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

584.66

Purity

>90%

## 2. Warnings

Light Sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

Orange to Very Dark Red Solid

Results

Red to Dark Red Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 67.24, %H: 6.01, %N: 9.30

HPLC Purity

Report Result

92.91% (450 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

*Farnaz Mahmoudi*

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Christina Gouliaras*

Christina Gouliaras

Quality Assurance Associate

Test Date

9/6/2024

Retest Date

9/4/2028