



CERTIFICATE OF ANALYSIS

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1. Identification

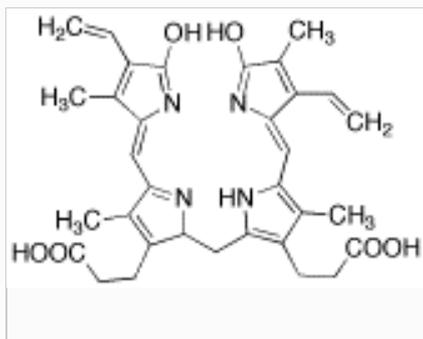
Catalogue Number: B385300

CAS Number: 635-65-4

Product: Bilirubin (>90%)

Synonym: 2,17-Diethenyl-1,10,19,22,23,24-hexahydro-3,7,13,18-tetramethyl-1,19-dioxo-21H-bilino-8,12-dipropanoic Acid; Bilirubin IX α ;

Structure:



Molecular Formula:

C₃₃H₃₆N₄O₆

Molecular weight:

584.66

Source of Product:

N/A

Solubility:

DMSO (Slightly)

Lot Number: 711860034-1-1

Purity: >90%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Orange to Very Dark Orange Solid	Orange to Dark Orange Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 65.93, %H: 6.16, %N: 9.02
HPLC Purity	Report Result	91.57% (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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeeet Kaur	Neha Khanna	Christina Gouliaras	9/5/2023	9/3/2027