



CERTIFICATE OF ANALYSIS

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1. Identification

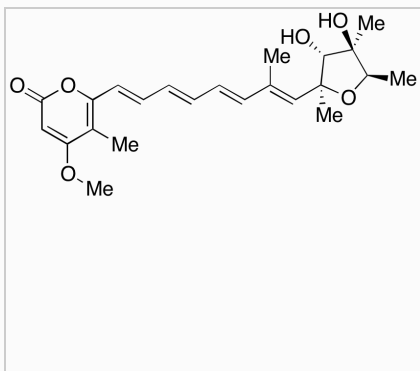
Catalogue Number: C520560

CAS Number: 25425-12-1

Product: Citreoviridin (80%, Contain Isocitreoviridin)

Synonym: Citreoviridin A; Citreoviridine; Citreoviridine A; 5-Hydroxy-3-methoxy-4,12-dimethyl-13-(tetrahydro-3,4-dihydroxy-2,4,5-trimethyl-2-furyl)-2,4,6,8,10,12-tridecahexaenoic Acid, δ -Lactone; [2S-[2 α (1E,3E,5E,7E),3 β ,4 α ,5 α]]-4-Methoxy-5-methyl-6-[7-methyl-8-(tetrahydro-3,4-dihydroxy-2,4,5-trimethyl-2-furanyl)-1,3,5,7-octatetraenyl]-2H-pyran-2-one; 4-Methoxy-5-methyl-6-[7-methyl-8-(tetrahydro-3,4-dihydroxy-2,4,5-trimethyl-2-furyl)-1,3,5,7-octatetraenyl]-2H-pyran-2-one; 2,5-Anhydro-1,6-dideoxy-2-C-[(1E,

Structure:



Molecular Formula:

C₂₃H₃₀O₆

Molecular weight:

402.48

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2023-ZEA-128

Purity: >80%

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

Storage Condition: -20°C, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Dark Orange Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 67.46, %H: 7.42
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.39% (390 nm)
Specific Rotation	Report Result	-65.5° (c = 0.1, Chloroform)

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
Nicole Yip	Toni Rantanen	Chanell Chu	5/10/2023	5/8/2027
				