



CERTIFICATE OF ANALYSIS

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1. Identification

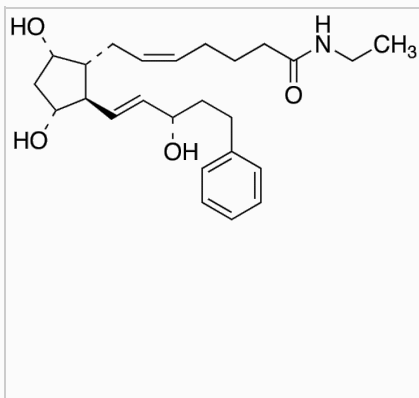
Catalogue Number: B386800

CAS Number: 155206-00-1

Product: Bimatoprost

Synonym: (5Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[(1E,3S)-3-hydroxy-5-phenyl-1-penten-1-yl]cyclopentyl]-N-ethyl-5-heptenamide; AGN-192024; Lumigan; Prostanamide;

Structure:



Molecular Formula:

C₂₅H₃₇NO₄

Molecular weight:

415.57

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Dichloromethane (Slightly),
Methanol (Slightly)

Lot Number: 2023-CPO-080

Purity: 98%

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	White to Pale Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.34, %H: 8.97, %N: 3.68
HPLC Purity	Report Result	98.69% (210 nm)
Specific Rotation	Report Result	+37.6° (c = 0.1, Dichloromethane)
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 ± 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

Nicole Yip

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

4/19/2023

Retest Date

4/17/2027