



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

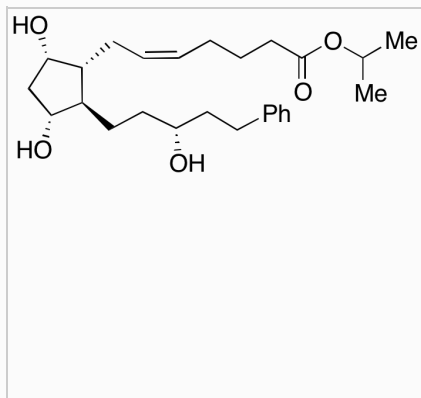
Catalogue Number: L177280

CAS Number: 130209-82-4

Product: Latanoprost

Synonym: (5Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-5-heptenoic Acid 1-Methylethyl Ester; Isopropyl-(Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2

Structure:



Molecular Formula:

C₂₆H₄₀O₅

Molecular weight:

432.59

Source of Product:

N/A

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly), DMSO
(Slightly), Methanol (Sligh

Lot Number: 711627404-4-1

Purity: 98%

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

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.93, %H: 9.34
HPLC Purity	Report Result	99.10% (210 nm)
Appearance	Colourless to Light Yellow Oil to Thick Oil	Clear Colourless Thick Oil
Specific Rotation	Report Result	+35.0° (c = 0.2, Acetonitrile)
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

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

7/29/2022

Retest Date

7/27/2026