

New_CofAS Print

1. Identification

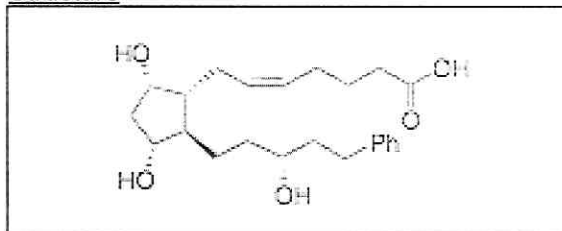
Catalogue Number

L177310

Lot Number

711611225-1-1

Structure



Product Name

Latanoprost Acid

Synonyms

(5Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-5-heptenoic Acid; 13,14-Dihydro-17-phenyl-18,19,20-trinor-PGF₂α; PhXA 85; Latanoprost USP Related Compound E

CAS Number

41639-83-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₃H₃₄O₅

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

390.51

Purity

96%

Calibri

C₂₃H₃₄O₅

C₂₃H₃₄O₅

Courier

C₂₃H₃₄O₅

C₂₃H₃₄O₅

Arial MT

C₂₃H₃₄O₅

C₂₃H₃₄O₅

Arial

C₂₃H₃₄O₅

C₂₃H₃₄O₅

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

NMR

Elemental Analysis

GC

MS

Specific Rotation

Specifications

Colourless to Pale Beige Oil to Thick Oil

Conforms to Structure

Conforms

Report Result

Conforms to Structure

Report Result

Results

Hazy Pale Yellow to Pale Beige Thick Oil

Conforms

%C: 68.70, %H: 8.95

96.14% (205 nm)

Conforms

+30.0° (c = 0.2, Methanol)

Additional Information

Contains: ~2.4% Dichloromethane

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



Neha Khanna

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

6/14/2022

Retest Date

6/12/2026