



CERTIFICATE OF ANALYSIS

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1. Identification

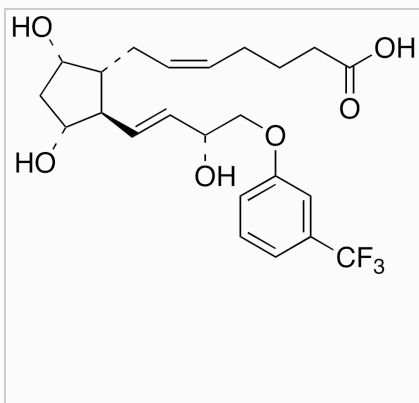
Catalogue Number: T715620

CAS Number: 54276-17-4

Product: Travoprost Acid

Synonym: (5Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3R)-3-hydroxy-4-[3-(trifluoromethyl)phenoxy]-1-butenyl]cyclopentyl]-5-heptenoic Acid; (+)-Fluprostenol; [1R-[1α(Z),2β(1E,3R*),3α,5α]]-7-[3,5-Dihydroxy-2-[3-hydroxy-4-[3-(trifluoromethyl)phenoxy]-1-butenyl]cyclopentyl]-5-heptenoic Acid; AL 5848; 16-(m-Trifluoromethylphenoxy)-17,18,19,20-tetranorprostaglandin F2α; USP Travoprost Related Compound A:

Structure:



Molecular Formula:

C₂₃H₂₉F₃O₆

Molecular weight:

458.47

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Sonicated), Dichloromethane, Acetonitrile

Lot Number: 14-VHP-93-3

Purity: 96%

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	Colourless to Pale Yellow Oil to Waxy Solid	Clear Pale Yellow Gel
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.39, %H: 6.34
HPLC Purity	Report Result	98.57% (225 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+16.0° (c = 0.2, Methanol)

Additional Information: Contains: ~3.3% 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	8/9/2021	8/7/2025
				