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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Bimatoprost USP Related Compound A**

### Identification:

Chemical Name: (E)-7-((1R,2R,3R,5S)-3,5-Dihydroxy-2-((S,E)-3-hydroxy-5-phenylpent-1-en-1-yl)cyclopentyl)-N-ethylhept-5-enamide

Synonyms : 5,6-trans-Bimatoprost ; (5E)-Bimatoprost

CAS Number : 1163135-95-2

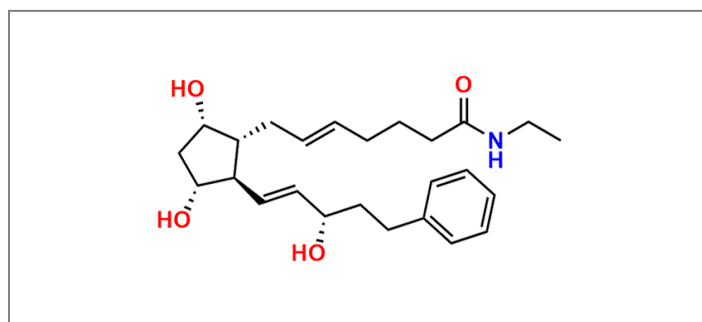
CAT Number : CP-B40002

Molecular Formula : C<sub>25</sub>H<sub>37</sub>NO<sub>4</sub>

Molecular Weight : 415.57

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**Prepared and Reviewed By**

Mr. Shubham Bondre  
(Quality Control)

**Approved By**

Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.