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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Alprostadil EP Impurity A**

#### Identification:

Chemical Name: 7-[(1R,2S)-2-[(1E,3S)-3-Hydroxyoct-1-enyl]-5-oxocyclopent-3-enyl]heptanoic acid (as per EP)

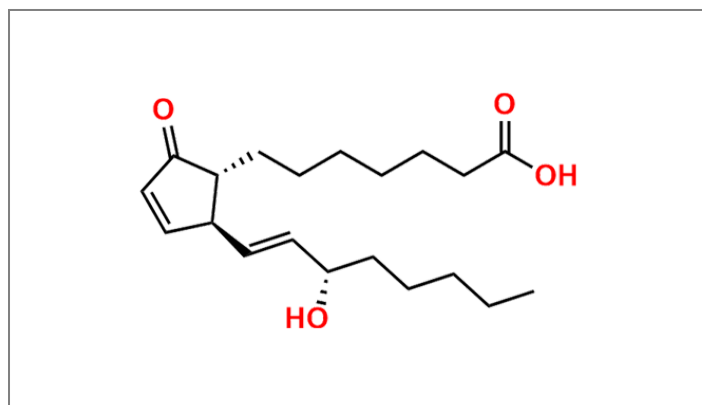
Synonyms : Prostaglandin A1

CAS Number : 14152-28-4

CAT Number : CP-A124001

Molecular Formula : C<sub>20</sub>H<sub>32</sub>O<sub>4</sub>

Molecular Weight : 336.47



#### 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)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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