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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Alprostadil EP Impurity I**

#### Identification:

Chemical Name: Ethyl 7-[(1R,2R,3R)-3-hydroxy-2-[(1E,3S)-3-hydroxyoct-1-enyl]-5-oxocyclopentyl]heptanoate (as per EP)

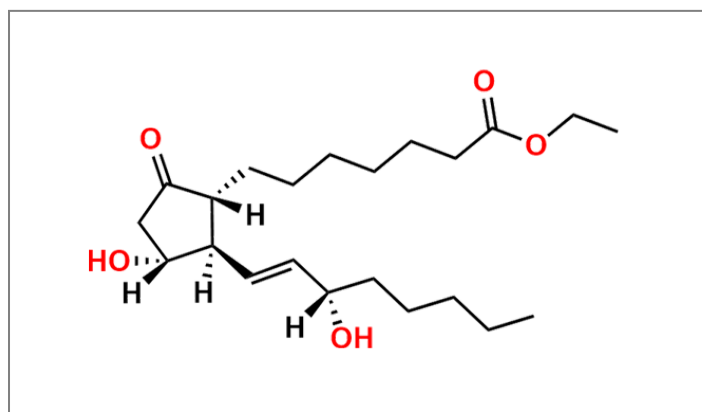
Synonyms : prostaglandin E1, ethyl ester

CAS Number : 35900-16-4

CAT Number : CP-A124009

Molecular Formula : C<sub>22</sub>H<sub>38</sub>O<sub>5</sub>

Molecular Weight : 382.54



#### 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.