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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Alprostadil EP Impurity J

Identification:

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

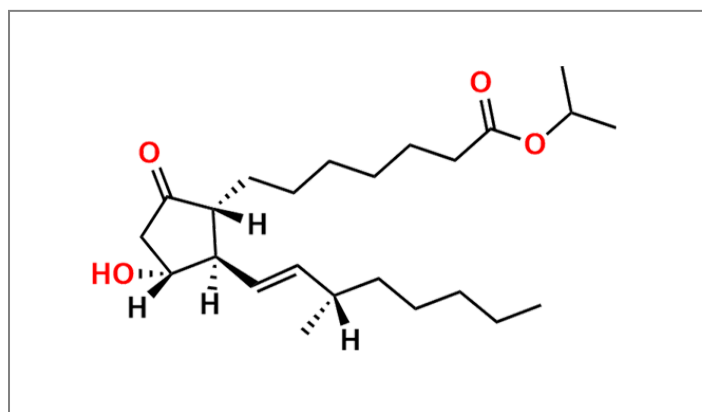
Synonyms : prostaglandin E1, isopropyl ester

CAS Number : 217182-28-0

CAT Number : CP-A124010

Molecular Formula : C₂₄H₄₂O₄

Molecular Weight : 394.6



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.