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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Misoprostol EP Impurity A**

### Identification:

Chemical Name: Methyl 7-((1R,2S,3S)-3-hydroxy-2-((E)-4-hydroxy-4-methyloct-1-en-1-yl)-5-oxocyclopentyl)heptanoate

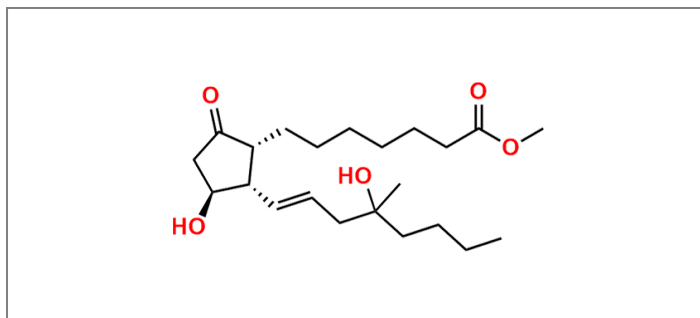
Synonyms : 8-epi-Misoprostol

CAS Number : 1788085-78-8

CAT Number : CP-M22001

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.