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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Naloxone EP Impurity F**

### Identification:

Chemical Name: 4,5 $\alpha$ -Epoxy-3,10 $\beta$ ,14-trihydroxy-17-(prop-2-enyl)morphinan-6-one (as per EP)

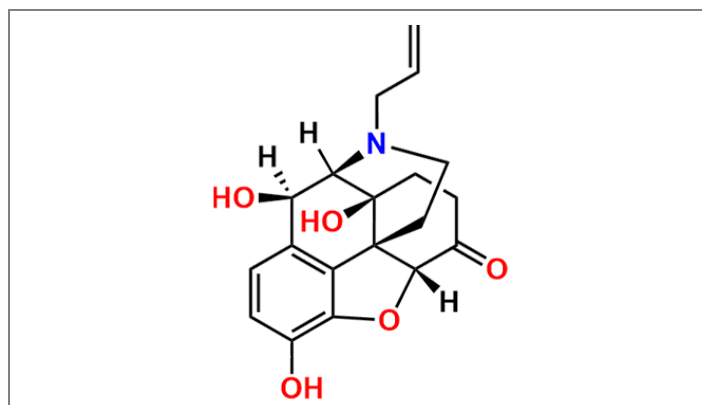
Synonyms : 10 $\beta$ -Hydroxynaloxone

CAS Number : 2139253-69-1

CAT Number : CP-N37015

Molecular Formula : C<sub>19</sub>H<sub>21</sub>NO<sub>5</sub>

Molecular Weight : 343.4



### 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.