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## CERTIFICATE OF ANALYSIS

Analysis Date:

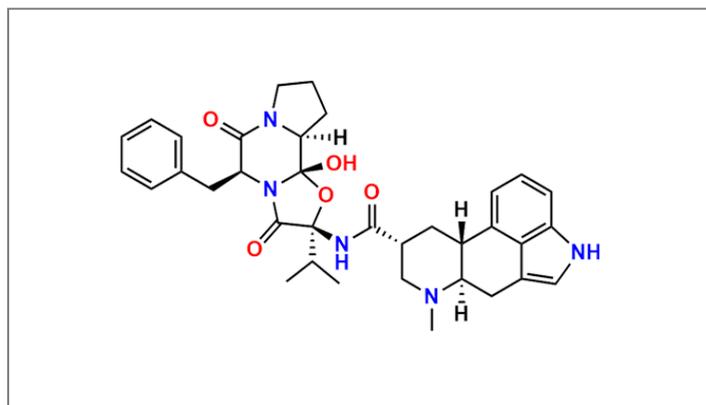
Re-test Date:

**Product Name: Dihydroergotamine EP Impurity E**

**Identification:**

Chemical Name: (6aR,9R,10aR)-N-[(2R,5S,10aS,10bS)-5-Benzyl-10b-hydroxy-2-(1-methylethyl)-3,6-dioxo-octahydro-8H-oxazolo[3,2-a]pyrrolo[2,1-c]pyrazin-2-yl]-7-methyl-4,6,6a,7,8,9,10,10a-octahydroindolo[4,3-fg]quinoline-9-carboxamide (as per EP)

Synonyms : Dihydroergocristine  
CAS Number : 17479-19-5  
CAT Number : CP-D123005  
Molecular Formula : C<sub>35</sub>H<sub>41</sub>N<sub>5</sub>O<sub>5</sub>  
Molecular Weight : 611.74



**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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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