

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Leuprolide Acetate EP Impurity E**

### Identification:

Chemical Name: (S)-N-Ethyl-1-(((S)-5-oxopyrrolidine-2-carbonyl)-L-histidyl-D-tryptophyl-L-seryl-L-tyrosyl-D-leucyl-L-leucyl-L-arginyl)pyrrolidine-2-carboxamide

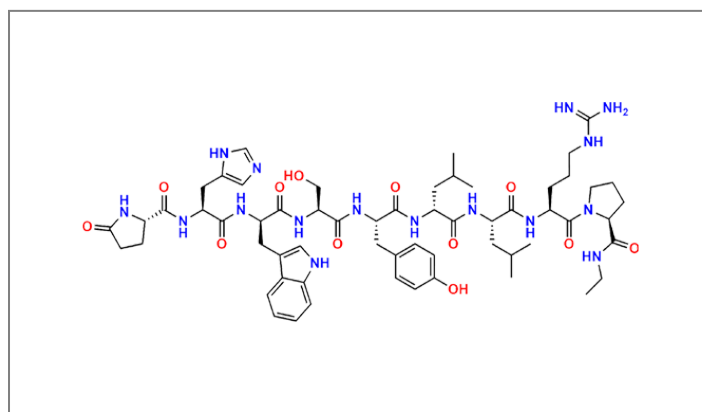
Synonyms : D-Trp-Leuprolide

CAS Number : 1926163-23-6

CAT Number : CP-L73005

Molecular Formula : C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>

Molecular Weight : 1209.42



### 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.