

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Talaja- 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 EP Impurity D (TFA salt)**

**Identification:**

Chemical Name: (6S,9S,12R,15S,18S)-18-((S)-2-((S)-3-(1H-imidazol-5-yl)-2-((S)-5-oxopyrrolidine-2-carboxamido)propanamido)-3-(1H-indol-3-yl)propanamido)-1-amino-6-((S)-2-(ethylcarbamoyl)pyrrolidine-1-carbonyl)-15-(4-hydroxybenzyl)-1-imino-9,12-diisobutyl-8,11,14,17-tetraoxo-2,7,10,13,16-pentaazanodecan-19-yl acetate 2,2,2-trifluoroacetate

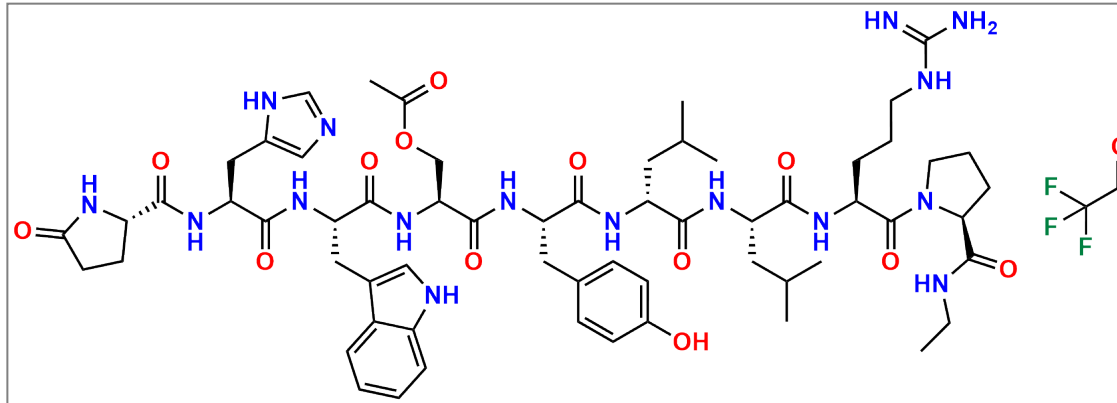
Synonyms : NA

CAS Number : NA

CAT Number : CP-L73020

Molecular Formula : C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>  
: C<sub>2</sub>H<sub>F</sub>3O<sub>4</sub>

Molecular Weight : 1209.42 :  
114.04



**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.