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## CERTIFICATE OF ANALYSIS

Analysis Date:

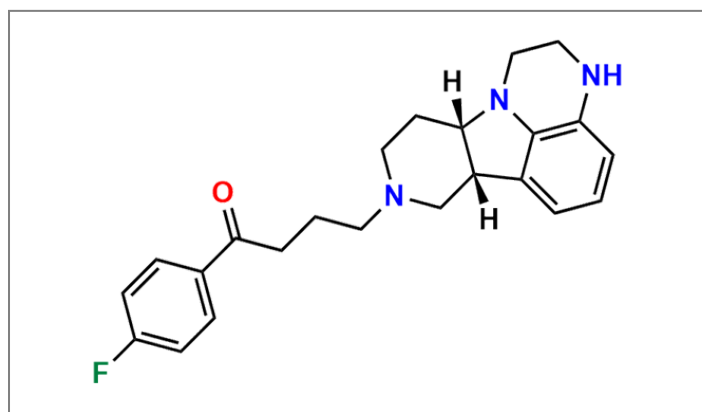
Re-test Date:

**Product Name: Lumateperone Impurity 4**

### Identification:

Chemical Name: 1-(4-Fluorophenyl)-4-((6bR,10aS)-2,3,6b,9,10,10a-hexahydro-1H-pyrido[3',4':4,5]pyrrolo[1,2,3-de]quinoxalin-8(7H)-yl)butan-1-one

Synonyms : NA  
CAS Number : 313368-82-0  
CAT Number : CP-L47008  
Molecular Formula : C<sub>23</sub>H<sub>26</sub>FN<sub>3</sub>O  
Molecular Weight : 379.48



### 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.