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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Lumateperone Impurity 11**

### Identification:

Chemical Name: 1-(4-fluorophenyl)-4-((6bS,10aR)-3-methyl-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

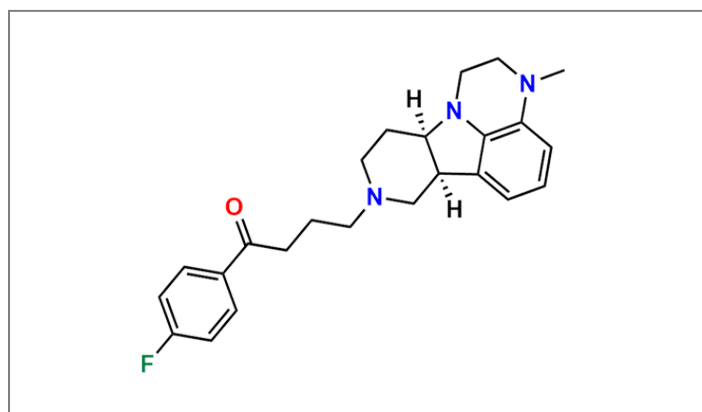
Synonyms: : Lumateperone enantiomer

CAS Number: : 313368-92-2

CAT Number: : CP-L47004

Molecular Formula: : C<sub>24</sub>H<sub>28</sub>FN<sub>3</sub>O

Molecular Weight: : 393.51



### 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)