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## CERTIFICATE OF ANALYSIS

Analysis Date:

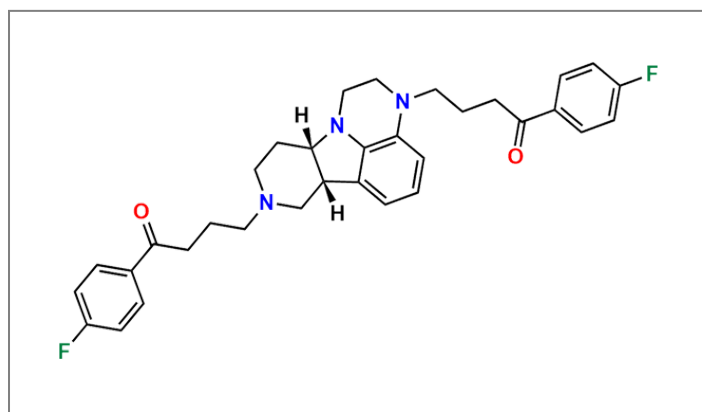
Re-test Date:

**Product Name: Lumateperone Dimer Impurity 2**

### Identification:

Chemical Name: 4,4'-((6bR,10aS)-1,2,6b,9,10,10a-Hexahydro-3H-pyrido[3',4':4,5]pyrrolo[1,2,3-de]quinoxaline-3,8(7H)-diyl)bis(1-(4-fluorophenyl)butan-1-one)

Synonyms: : NA  
CAS Number: : NA  
CAT Number: : CP-L47020  
Molecular Formula: : C33H35F2N3O2  
Molecular Weight: : 543.7



### 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)