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## CERTIFICATE OF ANALYSIS

Analysis Date:

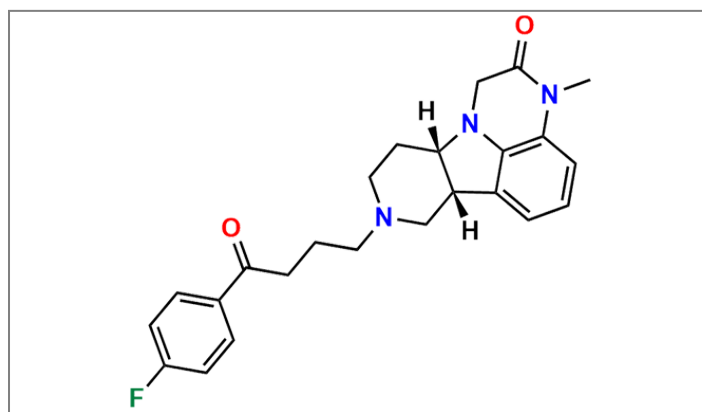
Re-test Date:

**Product Name: Lumateperone Impurity 24**

### Identification:

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

Synonyms: : NA  
CAS Number: : 2117618-95-6  
CAT Number: : CP-L47021  
Molecular Formula: : C<sub>24</sub>H<sub>26</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: : 407.5



### 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)