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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Olanzapine Thiolactam**

### Identification:

Chemical Name: (Z)-1-(4-(4-methylpiperazin-1-yl)-2-thioxo-1Hbenzo[b][1,4]diazepin-3(2H)-ylidene)propan-2-one

Synonyms : NA

CAS Number : 1017241-36-9

CAT Number : CP-O1011

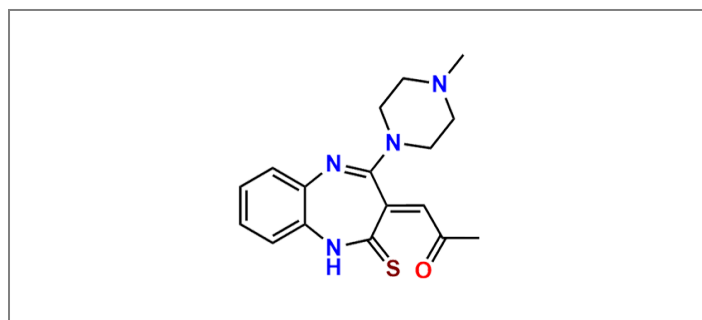
Molecular Formula : C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight : 328.43

Batch Number : CP-OLA-TLM-0724

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.2%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.