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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Olanzapine Thiohydroxymethylidene**

### Identification:

Chemical Name: 3-(Hydroxymethylene)-4-(4-methylpiperazin-1-yl)-1,3-dihydro-2H-benzo[b][1,4]diazepine-2-thione

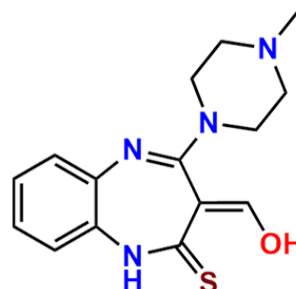
Synonyms: : Olanzapine Open Ring Analogue

CAS Number: : 1320360-86-8

CAT Number: : CP-O1014

Molecular Formula: : C<sub>15</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight: : 302.4



### 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)	<sup>1</sup> H NMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By



Ms Rohini Gagare  
(QA Head)