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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2022

Re-test Date: Aug 2025

**Product Name: Olanzapine Amine Impurity**

### Identification:

Chemical Name: 4-Amino-2-Methyl-10H-thieno[2,3-b][1,5]-benzodiazapine Hydrochloride

Synonyms : NA

CAS Number : 138564-60-0

CAT Number : CP-O1005

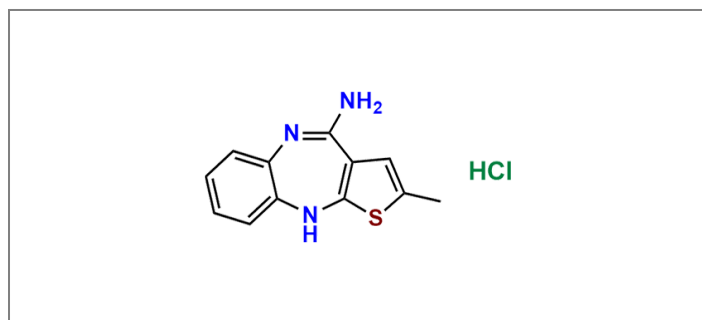
Molecular Formula : C<sub>12</sub>H<sub>11</sub>N<sub>3</sub>S : HCl

Molecular Weight : 229.3 : 36.46

Batch Number : CHEM-OLA-AMI

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown to Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.67%
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.