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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: Olanzapine EP Impurity C

Identification:

Chemical Name: 1-(Chloromethyl)-1-methyl-4-(2-methyl-10H-thieno[2,3-b][1,5]benzodiazepin-4-yl)piperazin-1-ium chloride (as per EP)

Synonyms : N-Chloromethyl Olanzapine ;
Chloromethyl Olanzapinium
chloride

CAS Number : 719300-59-1

CAT Number : CP-O1003

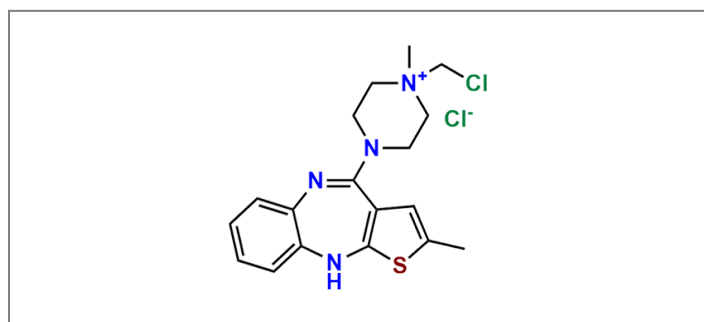
Molecular Formula : C₁₈H₂₂ClN₄S : Cl

Molecular Weight : 361.9 : 35.46

Batch Number : CHEM-OLA-C

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	Off White to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.32%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.600%
7)	Potency by TGA	98.72%



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.