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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

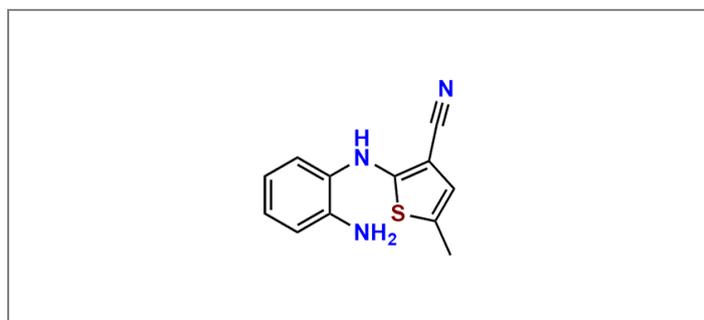
Re-test Date: Aug 2028

Product Name: Olanzapine Impurity 1

Identification:

Chemical Name: 2-(2-Aminoanilino)-5-methylthiophene-3-carbonitrile ; 2-(1,2-Phenylenediamino)-5-methylthiophene-3-carbonitrile

Synonyms : NA
CAS Number : 873895-41-1
CAT Number : CP-O1012
Molecular Formula : C₁₂H₁₁N₃S
Molecular Weight : 229.30
Batch Number : CP-OLA-1-0723



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	Green Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.09%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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