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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Mirtazapine EP Impurity E

Identification:

Chemical Name: (2RS)-4-Methyl-1-(3-methylpyridin-2-yl)-2-phenylpiperazine

Synonyms : Acyclomirtazapine methyl derivative

CAS Number : 191546-94-8

CAT Number : CP-M49005

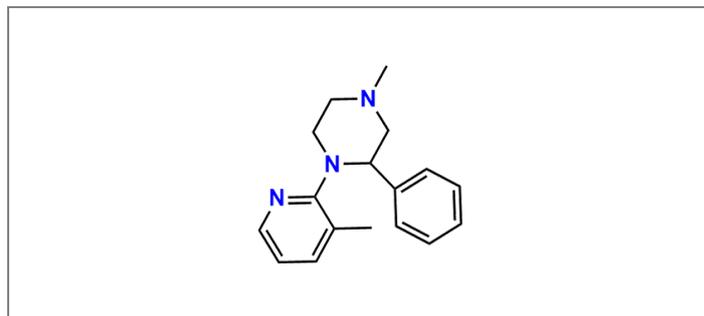
Molecular Formula : C₁₇H₂₁N₃

Molecular Weight : 267.37

Batch Number : CP-34-40

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 Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	96.39%
5)	¹ HNMR	Confirm to Structure
6)	Weight loss by TGA	0.527%
7)	Potency by TGA	95.88%



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.