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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Mirtazapine EP Impurity C

Identification:

Chemical Name: (14bRS)-2-methyl-3,4,10,14b-tetrahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepin-1(2H)-one (as per EP)

Synonyms : Mirtazapine USP Related
Compound C ; Mirtazapine
Lactam

CAS Number : 191546-96-0

CAT Number : CP-M49018

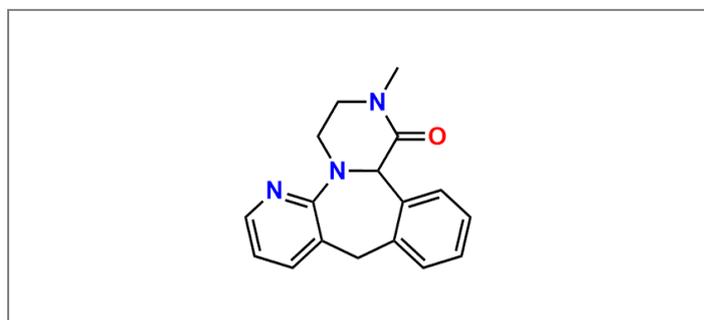
Molecular Formula : C₁₇H₁₇N₃O

Molecular Weight : 279.34

Batch Number : CP-MIR-C-1125

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.47%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.034 %
7)	Potency by TGA	98.44%



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.