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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Zolpidem USP Related Compound B

Identification:

Chemical Name: N,N-dimethyl-2-(6-methyl-2-(p-tolyl)imidazo[1,2-a]pyridin-3-yl)-2-oxoacetamide

Synonyms : Oxozolpidem ; 2-Keto Zolpidem

CAS Number : 400038-68-8

CAT Number : CP-Z1008

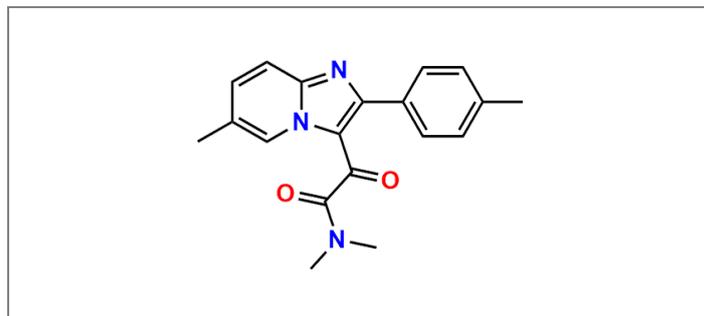
Molecular Formula : C₁₉H₁₉N₃O₂

Molecular Weight : 321.38

Batch Number : CP-34-92-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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.95%
5)	¹ H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.089%
8)	Potency by TGA	99.86%



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.