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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Midazolam EP Impurity G

Identification:

Chemical Name: 8-Chloro-1-methyl-6-phenyl-4H-imidazo[1,5-a][1,4]benzodiazepine (as per EP)

Synonyms : Desfluoro Midazolam (EP)

CAS Number : 59467-86-6

CAT Number : CP-M85007

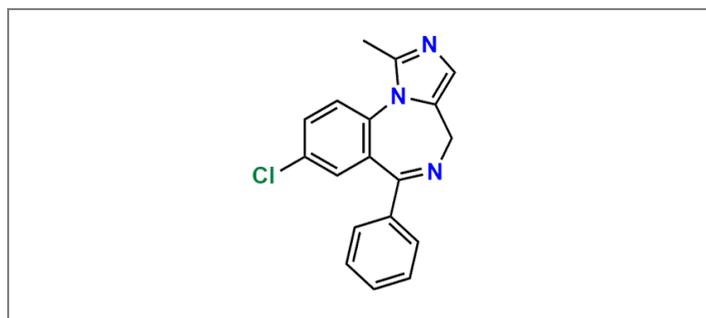
Molecular Formula : C₁₈H₁₄ClN₃

Molecular Weight : 307.78

Batch Number : CP-MID-G-0426

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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.31%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.634%
9)	Potency by TGA	90.80%



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.