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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

Product Name: Diazepam EP Impurity C

Identification:

Chemical Name: 3-Amino-6-chloro-1-methyl-4-phenylquinolin-2(1H)-one (as per EP)

Synonyms : Diazepam USP Related
Compound B

CAS Number : 5220-02-0

CAT Number : CP-D18003

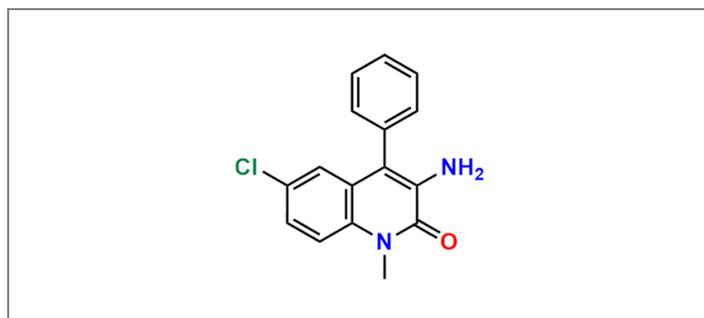
Molecular Formula : C₁₆H₁₃ClN₂O

Molecular Weight : 284.7

Batch Number : CHEM-DIA-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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.87%
5)	¹ HNMR	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.