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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

Product Name: Clobazam EP Impurity C

Identification:

Chemical Name: (3RS)-7-chloro-1,3-dimethyl-5-phenyl-1,5-dihydro-3H-1,5-benzodiazepine-2,4-dione (as per EP)

Synonyms : 3-Methyl Clobazam (USP)

CAS Number : 22316-16-1

CAT Number : CP-C28003

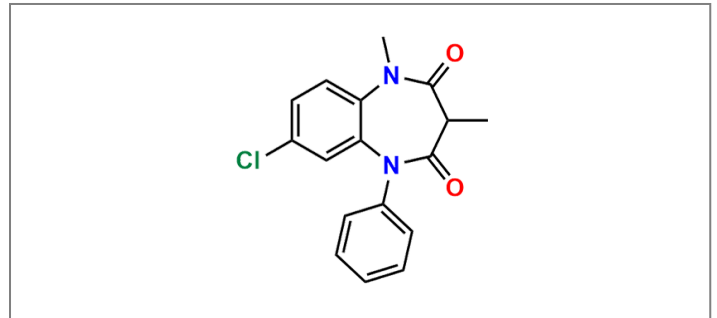
Molecular Formula : C₁₇H₁₅ClN₂O₂

Molecular Weight : 314.77

Batch Number : CP-CLO-C-0624

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	91.01%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.093%
8)	Potency by TGA	90.91%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.