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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jul 2027

Product Name: Clobazam EP Impurity D

Identification:

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

Synonyms : 3,3-Dimethyl Clobazam (USP)

CAS Number : 2092997-47-0

CAT Number : CP-C28004

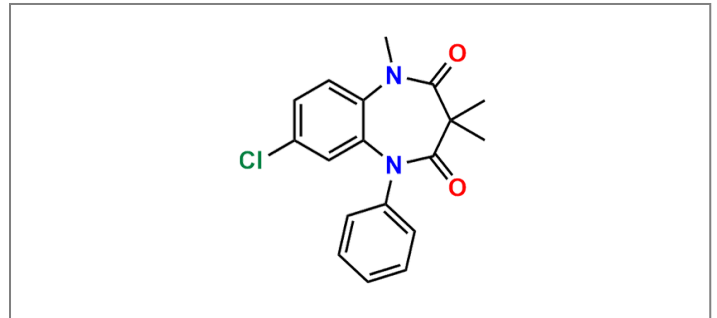
Molecular Formula : C₁₈H₁₇ClN₂O₂

Molecular Weight : 328.80

Batch Number : CP-CLO-D-0724

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	100%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	0.059 %
8)	Potency by TGA	99.941 %



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.