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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Bromazepam EP Impurity D

Identification:

Chemical Name: 3-Amino-6-bromo-4-(2-pyridinyl)-2(1H)-quinolinone

Synonyms : NA

CAS Number : 77616-97-8

CAT Number : CP-B135004

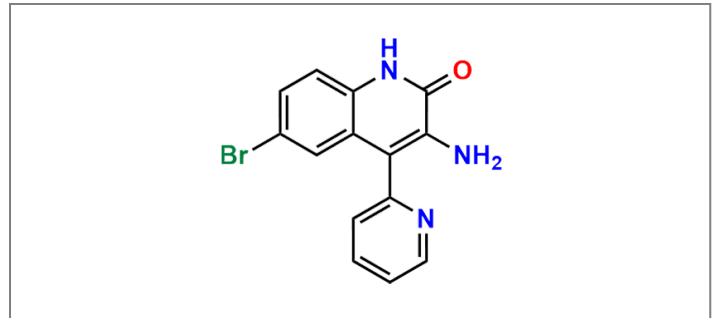
Molecular Formula : C₁₄H₁₀BrN₃O

Molecular Weight : 316.16

Batch Number : CP-BRO-D-0524

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	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.57%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.421%
8)	Potency by TGA	99.15%



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.