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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

Product Name: Bromazepam EP Impurity D

Identification:

Chemical Name: 3-Amino-6-bromo-4-(pyridin-2-yl)quinolin-2(1H)-one (as per EP)

Synonyms : NA

CAS Number : 77616-97-8

CAT Number : CP-B135004

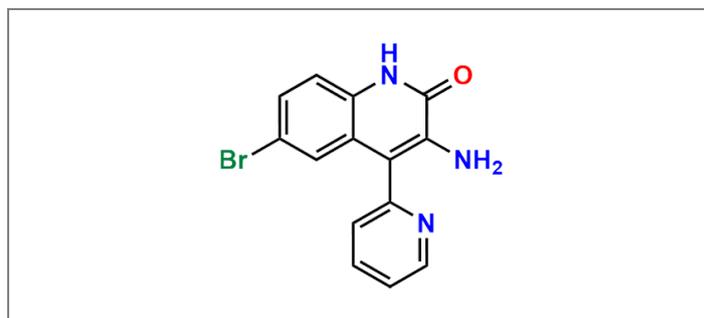
Molecular Formula : C₁₄H₁₀BrN₃O

Molecular Weight : 316.16

Batch Number : CP-BRO-D-0525

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	98.35%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.126 %
9)	Potency by TGA	98.23 %



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.