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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Brimonidine EP Impurity E

Identification:

Chemical Name: 2-(5-bromoquinoxalin-6-yl)guanidine

Synonyms : Brimonidine USP Related
Compound E

CAS Number : 168329-48-4

CAT Number : CP-B16005

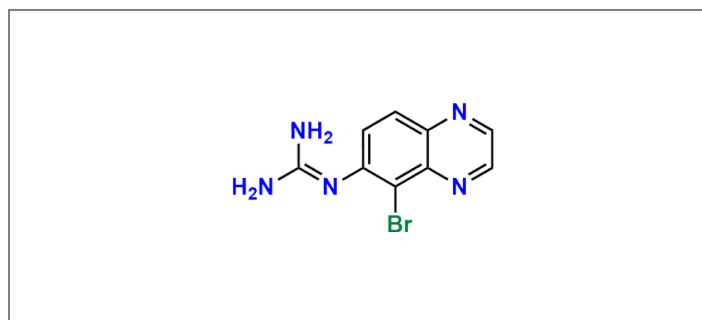
Molecular Formula : C₉H₈BrN₅

Molecular Weight : 266.10

Batch Number : CP-BRI-E-0523

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 to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.85%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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