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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

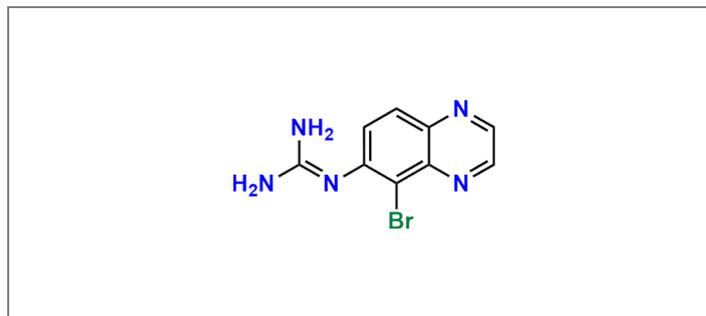
Molecular Formula : C₉H₈BrN₅

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) | ¹³ CNMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |



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.