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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Dorzolamide EP Impurity B

Identification:

Chemical Name: (4RS,6SR)-4-(ethylamino)-6-methyl-5,6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide (as per EP)

Synonyms : Dorzolamide USP Related
Compound B ; rac-cis
Dorzolamide

CAS Number : 120279-90-5

CAT Number : CP-D25002

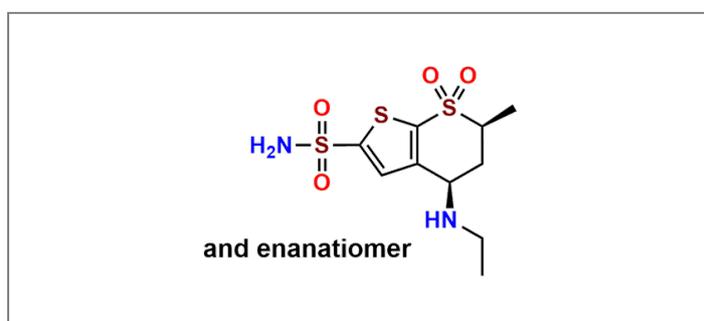
Molecular Formula : C₁₀H₁₆N₂O₄S₃

Molecular Weight : 324.43

Batch Number : CP-DOR-B-0126

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 | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.33% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | Weight loss by TGA | 2.816% |
| 7) | Potency by TGA | 96.53% |



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.