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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**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

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

CAS Number : 120279-90-5

CAT Number : CP-D25002

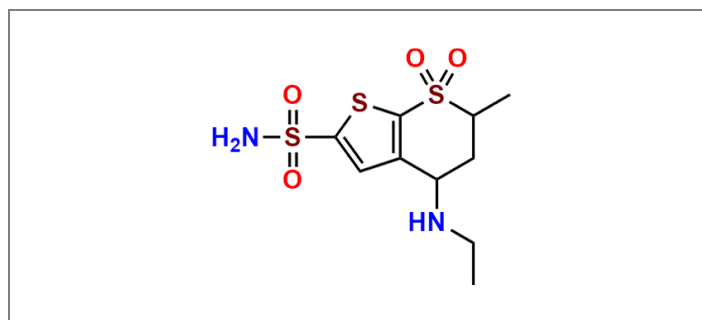
Molecular Formula : C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S<sub>3</sub>

Molecular Weight : 324.43

Batch Number : CP-DOR-B-1124

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.78%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



**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.