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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

**Product Name: Dorzolamide EP Impurity D**

### Identification:

Chemical Name: (4S,6S)-4-Amino-6-methyl-5,6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide HCl

Synonyms : Dorzolamide USP Related  
Compound D ; N-Desethyl  
Dorzolamide

CAS Number : 164455-27-0

CAT Number : CP-D25004

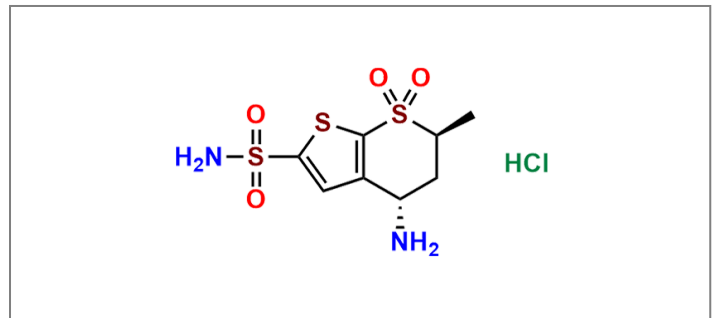
Molecular Formula : C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>3</sub> : HCl

Molecular Weight : 296.37 : 36.46

Batch Number : CP-DOR-D-0624

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/D2O
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.79%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.