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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

**Product Name: Brinzolamide Impurity C**

### Identification:

Chemical Name: (R)-4-(Ethylamino)-3,4-dihydro-2-(3-hydroxypropyl)-2H-thieno[3,2-e]-1,2-thiazine-6-sulfonamide 1,1-Dioxide

Synonyms : Brinzolamide O-Desmethyl  
Impurity

CAS Number : 186377-56-0

CAT Number : CP-B17007

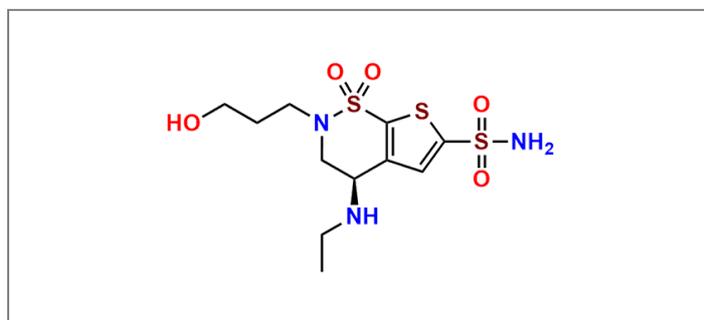
Molecular Formula : C<sub>11</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S<sub>3</sub>

Molecular Weight : 369.48

Batch Number : CHEM-BZD-C

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	Brown Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.58%
5)	1HNMR	Confirm to structure
6)	13CNMR	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.