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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2022

Re-test Date: Jun 2025

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

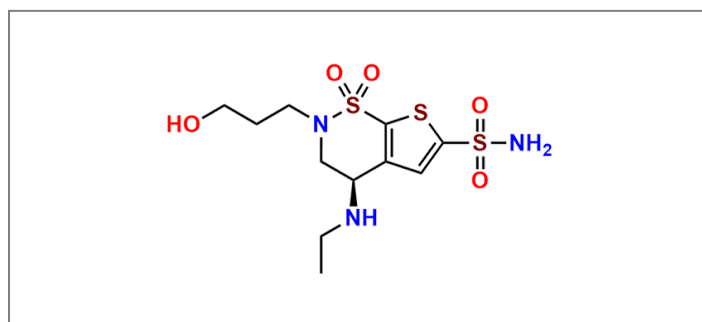
Molecular Formula : C₁₁H₁₉N₃O₅S₃

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	95.51%
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.