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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2022

Re-test Date: May 2025

Product Name: Acetazolamide EP Impurity F

Identification:

Chemical Name: N-[5-[(5-Acetamido-1,3,4-thiadiazol-2-yl)sulfonyl]sulfamoyl-1,3,4-thiadiazol-2-yl]acetamide (as per EP)

Synonyms : Acetazolamide dimer (USP)

CAS Number : 80495-47-2

CAT Number : CP-A6006

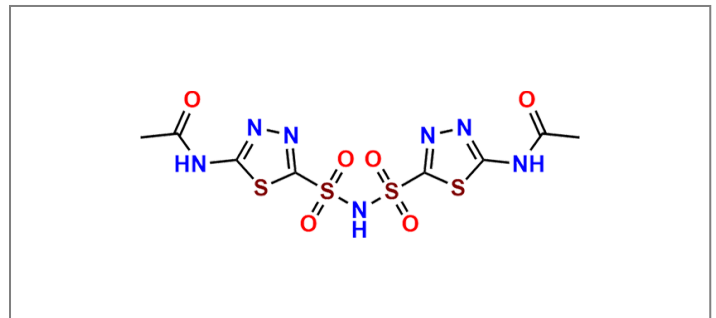
Molecular Formula : C₈H₉N₇O₆S₄

Molecular Weight : 427.44

Batch Number : CHEM-ACE-F

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	96.64%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.829%
8)	Potency by TGA	94.81%



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.