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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Cefdinir Impurity 3

Identification:

Chemical Name: (Z)-2-(2-Aminothiazol-4-yl)-2-((trityloxy)imino)acetic Acid

Synonyms : NA

CAS Number : 128438-01-7

CAT Number : CP-C95020

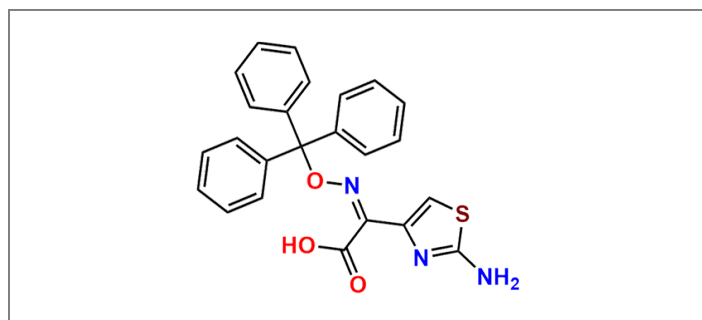
Molecular Formula : C₂₄H₁₉N₃O₃S

Molecular Weight : 429.49

Batch Number : CP-CEF-3-0125

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	Light Orange Solid
2)	Solubility	Soluble in Methanol /DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	94.11%
5)	H1NMR	Confirm to Structure
6)	Weight loss by TGA	4.289%
7)	Potency by TGA	90.07%



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.