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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Amoxicillin EP Impurity D

Identification:

Chemical Name: (4S)-2-[[[(2R)-2-Amino-2-(4-hydroxyphenyl)acetyl]amino]carboxymethyl]-5,5-dimethylthiazolidine-4-carboxylic acid (as per EP)

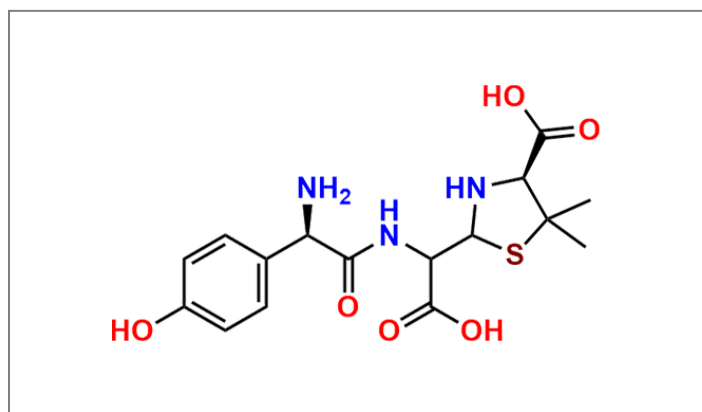
Synonyms : Amoxicillin USP Related
Compound D ; Amoxicillin
Penicilloic Acid ; Amoxicillin
Open Ring Impurity

CAS Number : 1642629-94-4

CAT Number : CP-A20004

Molecular Formula : C₁₆H₂₁N₃O₆S

Molecular Weight : 383.42



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.