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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2026

**Product Name: Amoxicillin USP Related Compound H**

### Identification:

Chemical Name: (2R)-2-[(2,2-Dimethylpropanoyl)amino]-2-(4-hydroxyphenyl)acetic acid (as per EP)

Synonyms : Amoxicillin USP Related Compound H

CAS Number : 205826-86-4

CAT Number : CP-A20014

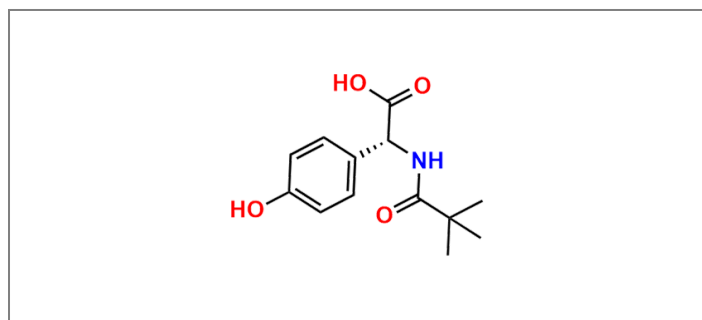
Molecular Formula : C<sub>13</sub>H<sub>17</sub>NO<sub>4</sub>

Molecular Weight : 251.28

Batch Number : CHEM-AMO-H

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### 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	98.78%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.03%
8)	Potency by TGA	98.75%



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.