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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Bacitracin Impurity 4**

### Identification:

Chemical Name: 2-((1S,2S)-1-((tert-butoxycarbonyl)amino)-2-methylbutyl)thiazole-4-carboxylic acid

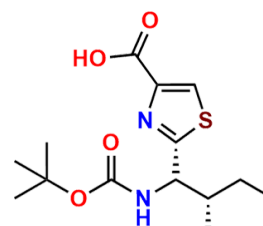
Synonyms : NA

CAS Number : 112495-91-7

CAT Number : CP-B106018

Molecular Formula : C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight : 314.4



### 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.