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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Imipenem EP Impurity B**

### Identification:

Chemical Name: (2R,4R)-2-[(1S,2R)-1-Carboxy-2-hydroxypropyl]-4-[[2-[(iminomethyl)amino]ethyl]sulfanyl]-3,4-dihydro-2H-pyrrole-5-carboxylic acid (as per EP)

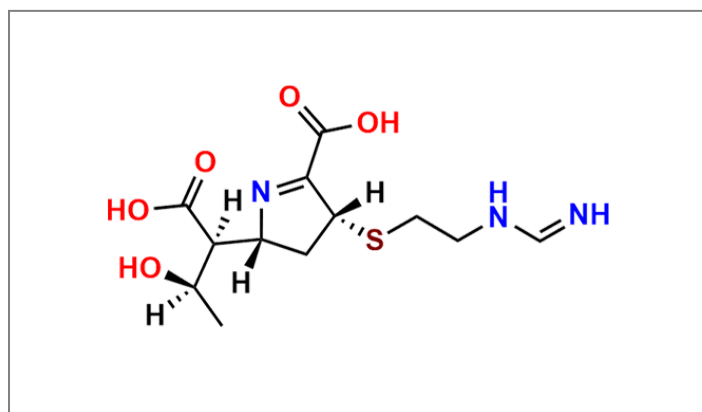
Synonyms : Imipenemoic acid

CAS Number : 1197869-90-1

CAT Number : CP-I59002

Molecular Formula : C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight : 317.4



### 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.