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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ertapenem Impurity 29**

### Identification:

Chemical Name: (4R,5S,6S)-3-(((3R,5S)-1-((2S,3R)-2-((2S,3R)-5-carboxy-4-(((3R,5S)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-3-methyl-2,3-dihydro-1H-pyrrol-2-yl)-3-hydroxybutanoyl)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid compound with (4R,5S,6S)-3-(((3R,5S)-1-((2S,3R)-2-((2S,3R)-5-carboxy-4-(((3R,5S)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-3-methyl-3,4-dihydro-2H-pyrrol-2-yl)-3-hydroxybutanoyl)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid (1:1)

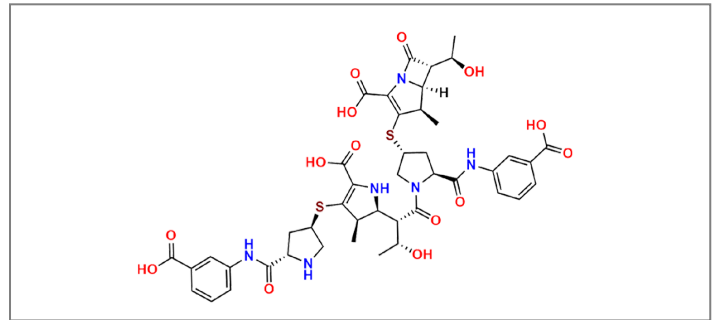
Synonyms : NA

CAS Number : NA

CAT Number : CP-E46043

Molecular Formula : C44H50N6O14S2

Molecular Weight : 951



### 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)	<sup>1</sup> H NMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.