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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ertapenem Impurity 17

Identification:

Chemical Name: (4R,5S,6S)-3-(((3S,5S)-1-(3-((2S,4R)-4-(((4R,5S,6S)-2-Carboxy-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-en-3-yl)thio)pyrrolidine-2-carboxamido)benzoyl)-5-(3-carboxybenzoyl)pyrrolidin-3-yl)thio)-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid compound with (4R,5S,6S)-3-(((3S,5S)-5-(3-carboxybenzoyl)-1-((4R,5S,6S)-3-(((3S,5S)-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-carbonyl)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)

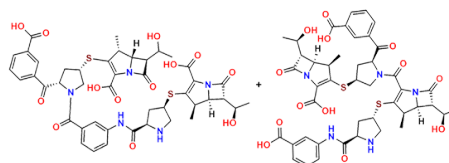
Synonyms : NA

CAS Number : NA

CAT Number : CP-E46034

Molecular Formula : C₄₄H₄₇N₅O₁₃S₂

Molecular Weight : 918



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)	¹ HNMR	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.