
Certificate of Analysis

Product Name: Imipenem
Cat. No.: GP11075
Batch No.: 1
Chemical Name: (5R,6S)-3-[2-(aminomethylideneamino)ethylsulfanyl]-6-[(1R)-1-hydroxyethyl]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 64221-86-9
Molecular Formula: $C_{12}H_{17}N_3O_4S$
Molecular Weight: 299.35
Storage: Store at $-20^{\circ}C$
Chemical Structure:

ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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