

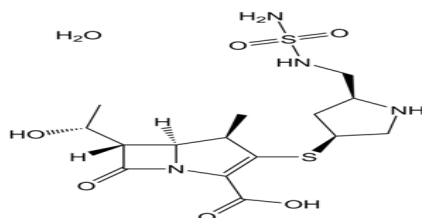
Certificate of Analysis

Product Name: Doripenem Hydrate
Cat. No.: GC16675
Batch No.: 1
Chemical Name: (4R,5S,6S)-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-3-[(3S,5S)-5-[(sulfamoylamino)methyl]pyrrolidin-3-yl]sulfanyl-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid;hydrate

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 364622-82-2
Molecular Formula: $C_{15}H_{24}N_4O_6S_2 \cdot H_2O$
Molecular Weight: 438.52
Storage: Store at $-20^{\circ}C$

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >99.50%
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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA