

Product Datasheet

GA9212 - Doripenem

Product Details

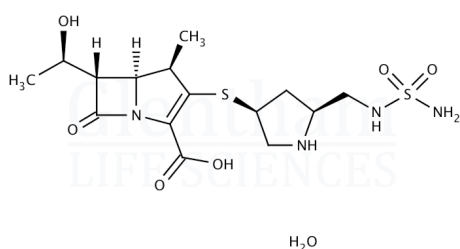
Product Name	Doripenem
Glenthams Code	GA9212
CAS Number	148016-81-3
MDL Number	MFCD09749887
Bellstein Registry Number	15340136
Additional CAS	364622-82-2
PubChem SID	310272409
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials, Beta-Lactam Antibiotics

Glenthams Product Specification

Physical Description	: White to light-yellow or beige powder
Solubility (0.5% solution)	: Clear, colourless solution
Water (KF)	: ≤ 6.0%
Total Impurities	: ≤ 2.0%
Assay (HPLC)	: ≥ 98.0% (anhydrous basis)
Identification (IR)	: To conform to standard
Specific Optical Rotation ([α] _{20/D})	: +32.0 - +38.0 ° (c=1, water)
Residue on Ignition	: ≤ 0.1%
Version	: v1.2

Structure

Molecular Weight	: 420.50 (anhydrous)
Molecular Formula	: C ₁₅ H ₂₄ N ₄ O ₆ S ₂ · xH ₂ O



About Doripenem

Doripenem is a beta-lactam, broad-spectrum antibiotic within the carbapenem class. It is effective against both gram-negative and gram-positive bacteria and is most commonly used to treat more complex infections.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024