

## Product Datasheet

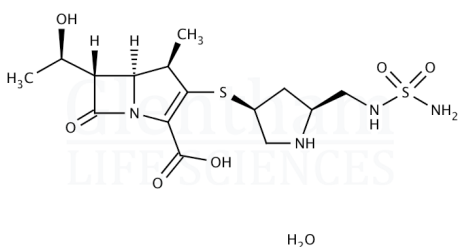
### GA9212 - Doripenem

#### 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

#### Structure

Molecular Weight	: 420.50 (anhydrous)
Molecular Formula	: $C_{15}H_{24}N_4O_6S_2 \cdot xH_2O$



#### Precautionary Codes

P264, P280, P302+P352, P362+P364, P261, P304+P340, P403+P233, P270, P305+P351+P338

#### Pictograms



#### 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] <sub>20/D</sub> )	: +32.0 - +38.0 ° (c=1, water)
Residue on Ignition	: ≤ 0.1%
Version	: v1.2

#### 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 dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3, Acute Tox. 4, Eye Irr. 2A

Signal Word Warning

Hazard Codes H315, H335, H302, H319

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