

Product Datasheet

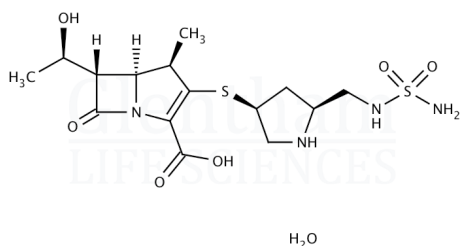
GA9212 - Doripenem

Product Details

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

Structure

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



Hazard Codes

H315, H335, H302, H319

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)	: $\leq 6.0\%$
Total Impurities	: $\leq 2.0\%$
Assay (HPLC)	: $\geq 98.0\%$ (anhydrous basis)
Identification (IR)	: To conform to standard
Specific Optical Rotation ($[\alpha]_{20/D}$)	: $+32.0 - +38.0^\circ$ (c=1, water)
Residue on Ignition	: $\leq 0.1\%$
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: $+4^\circ C$.

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 Attention

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