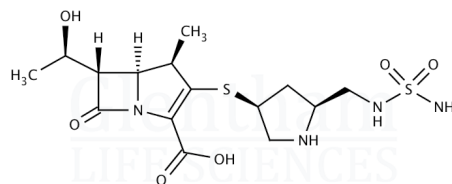


Product Specification

Product Name	Doripenem
Glentham Code	GA9212
CAS Number	148016-81-3
MDL Number	MFCD09749887
Bellstein Registry Number	15340136
Additional CAS	364622-82-2
PubChem SID	310272409
Molecular Weight	420.50 (anhydrous)
Molecular Formula	$C_{15}H_{24}N_4O_6S_2 \cdot xH_2O$
Storage Temp.	+4°C



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

Specification Version	-	v1.2
Date Created	-	2024-04-04

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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