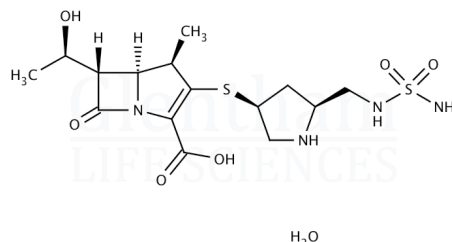


Certificate of Analysis

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
Batch Number 391EDR

Molecular Weight 420.50 (anhydrous)
Molecular Formula $C_{15}H_{24}N_4O_6S_2 \cdot xH_2O$
Storage Temp. +4°C



Property	Specification	Batch 391EDR
Physical Description	White to light-yellow or beige powder	White powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (0.5% solution)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ([α] _{20/D})	+32.0 - +38.0 ° (c=1, water)	+34.9°
Water (KF)	≤ 6.0%	5.0%
Residue on Ignition	≤ 0.1%	0.02%
Total Impurities	≤ 2.0%	≤ 2.0%
Assay (HPLC)	≥ 98.0% (anhydrous basis)	99.8%

Specification Version v1.2
Manufacture Date 2024-01-05
Re-Test Date 2030-07-04

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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