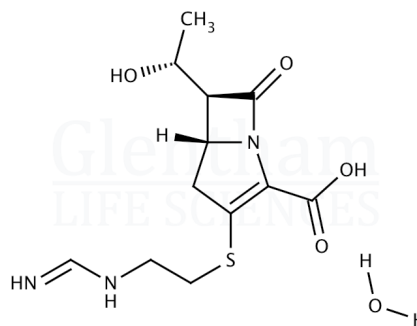


Product Specification

Product Name	Imipenem
Glentham Code	GA1119
CAS Number	74431-23-5
EINECS	264-734-5
MDL Number	MFCD09753321
Additional CAS	64221-86-9
PubChem SID	310275161
Molecular Weight	299.35 (anhydrous)
Molecular Formula	$C_{12}H_{17}N_3O_4S \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to light-yellow or beige powder
Identification (IR)	To conform to standard
Solubility (0.5% in water)	Clear, colourless to faint yellow solution
Specific Optical Rotation ([α] _{20/D})	+80.0 - +90.0 ° (c=1, water)
Water (KF)	3.0 - 8.0 %
Assay	≥ 97.5% (dried basis)

Specification Version	-	v1.2
Date Created	-	2022-01-04

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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