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Product Datasheet

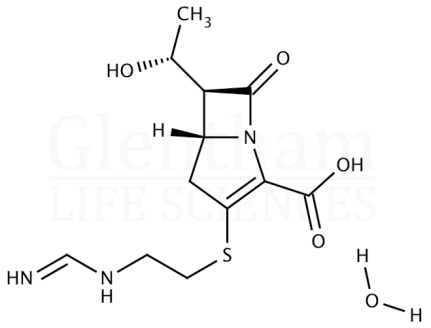
GA7773 - Imipenem monohydrate, 98%, EP grade

Product Details

Product Name	Imipenem monohydrate, 98%, EP grade
Glentham Code	GA7773
CAS Number	74431-23-5
EINECS	264-734-5
MDL-Nummer	MFCD09753321
Zusätzliche CAS	64221-86-9
Related Categories	Antibiotics, Antimicrobials, Beta-Lactam Antibiotics

Structure

Molecular Weight	:	317.36
Molecular Formula	:	$C_{12}H_{17}N_3O_4S \cdot H_2O$



Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	:	White, almost white, or pale yellow powder
Identification (IR)	:	To conform to standard
Appearance of Solution	:	To pass test
pH (0.5% in water)	:	4.5 - 7.5
Specific Optical Rotation	:	+90 - +95 °
Impurity A	:	≤ 1.0%
Any Other Individual Impurity	:	≤ 0.3%
Total Impurities	:	≤ 1.0% (exc. impurity A)
Water (KF)	:	5.0 - 8.0 %
Sulphated Ash	:	≤ 0.2%
Assay (HPLC)	:	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	:	EP
Version	:	v1.0

About Imipenem monohydrate, 98%, EP grade

No further details on record.

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