

Product Datasheet

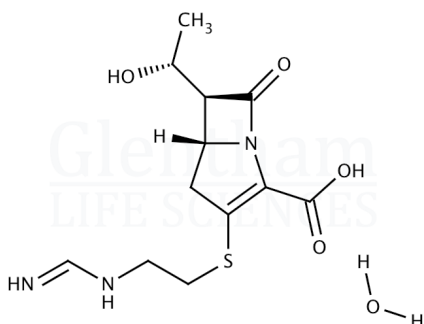
GA1119 - Imipenem

Product Details

Product Name	Imipenem
Glenthams Code	GA1119
CAS Number	74431-23-5
EINECS	264-734-5
MDL Number	MFCD09753321
Additional CAS	64221-86-9
PubChem SID	310275161
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Antimicrobials, Beta-Lactam Antibiotics

Structure

Molecular Weight	: 299.35 (anhydrous)
Molecular Formula	: $C_{12}H_{17}N_3O_4S \cdot xH_2O$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product 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)
Version	: v1.2

About Imipenem

No further details on record.