

Product Datasheet

GA0211 - Ampicillin trihydrate, Ph.

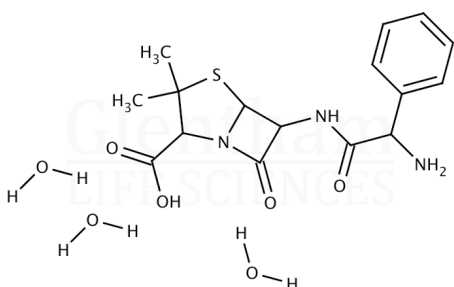
Eur. grade

Product Details

Product Name	Ampicillin trihydrate, Ph. Eur. grade
Glenthams Code	GA0211
CAS Number	7177-48-2
EINECS	200-709-7
MDL Number	MFCD00072036
Additional CAS	69-53-4 (anhydrous)
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials, Beta-Lactam Antibiotics

Structure

Molecular Weight	: 403.45
Molecular Formula	: $C_{16}H_{19}N_3O_4S \cdot 3H_2O$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Skin Sens. 1,
Eye Irr. 2A, Resp. Sens. 1,
STOT SE 3, STOT SE 3

Signal Word	Danger
Hazard Codes	H315, H317, H319, H334, H335, H336
Precautionary Codes	P302+P350, P280, P305+P351+P338, P342+P311, P261
Pictograms	

Glenthams Product Specification

Physical Description	: White or almost white crystalline powder
Identification (IR)	: To conform to standard
Identification (TLC)	: To pass test
Identification	: To pass test C
Appearance of Solution	: 1g + 10ml 1M HCl: colour ≤ Ref. Sus. II
	: 1g + 10ml: 2M NH4OH: colour ≤ Ref. Sus. II
pH (0.25% in water)	: 3.5 - 5.5
Specific Optical Rotation	: +280 - +305 ° (62.5mg in 25ml water, anhy.)
Related Substances (HPLC)	: ≤ 1.0% (any impurity)
Water	: 12.0 - 15.0 %
Sulphated Ash	: ≤ 0.5%
Assay (HPLC)	: 96.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.0

About Ampicillin trihydrate, Ph. Eur. grade

No further details on record.

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