

Product Datasheet

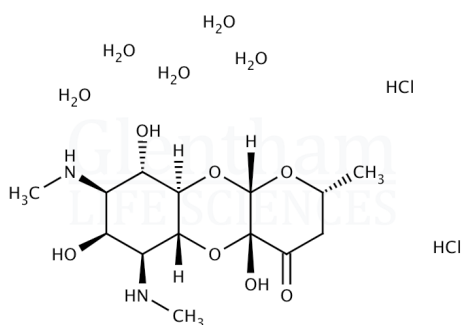
GA5412 - Spectinomycin dihydrochloride pentahydrate, EP grade

Product Details

Product Name	Spectinomycin dihydrochloride pentahydrate, EP grade
Glentham Code	GA5412
CAS Number	22189-32-8
EINECS	244-554-3
MDL-Nummer	MFCD00150886
Zusätzliche CAS	21736-83-4
Related Categories	APIs, Antibiotics, Reagents for Cell Culture, Antimicrobials

Structure

Molecular Weight : 495.35
Molecular Formula : $C_{14}H_{24}N_2O_7 \cdot 2HCl \cdot 5H_2O$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Sens. 1, Resp. Sens. 1

Signal Word	None
Hazard Codes	H317, H334
Precautionary Codes	P280, P302+P352, P305+P351+P338, P261, P264

Pictograms



Glentham Product Specification

Physical Description	: White or almost white powder
Identification	: A, B according to EP
Solubility (10% in water)	: Clear, colourless solution
pH (10% in water)	: 3.8 - 5.6
Specific Optical Rotation	: +15.0 - +21.0 °
Impurities A, C, F, G	: ≤ 1.0% (each)
Impurities D, E	: ≤ 4.0% (each)
Any Other Individual Impurity	: ≤ 1.0%
Total Impurities	: ≤ 6.0%
Water	: 16.0 - 20.0 %
Sulphated Ash	: ≤ 1.0%
(4R)-Dihydrospectinomycin sulfate	: ≤ 9.0% (anhydrous substance)
Spectinomycin sulfate and (4R)-Dihydrospectinomycin sulfate	: 93.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About Spectinomycin dihydrochloride pentahydrate, EP grade

No further details on record.

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