

Product Datasheet

GA5412 - Spectinomycin dihydrochloride pentahydrate, EP grade

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

Pictograms

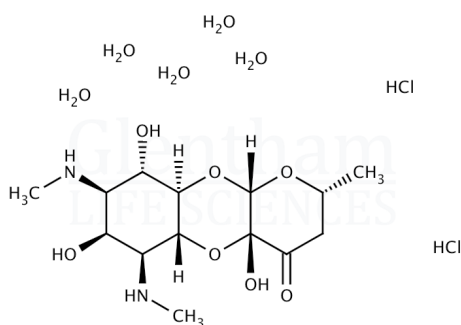


Product Details

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

Structure

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



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

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification : Skin Sens. 1, Resp. Sens. 1

About Spectinomycin dihydrochloride pentahydrate, EP grade

No further details on record.

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