

## Product Datasheet

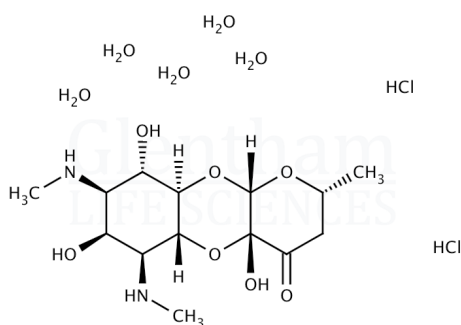
### GA3375 - Spectinomycin dihydrochloride pentahydrate

#### Product Details

Product Name	Spectinomycin dihydrochloride pentahydrate
Glentham Code	GA3375
CAS Number	22189-32-8
EINECS	244-554-3
MDL Number	MFCDD00150886
PubChem SID	310280217
Additional CAS	21736-83-4
Related Categories	APIs, Antibiotics, Reagents for Cell Culture, Antimicrobials

#### Structure

Molecular Weight : 495.35  
Molecular Formula : C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub> · 2HCl · 5H<sub>2</sub>O



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

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

#### Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Identification (IR)	: To conform to standard
Solubility (5% in water)	: Clear, colourless to faint yellow solution
pH (1% solution)	: 3.8 - 5.6
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	: +15.0 - +21.0 ° (c=1, water)
Residue on Ignition	: ≤ 1.0%
Water	: 16.0 - 20.0 %
Potency	: ≥ 603µg/mg (C <sub>14</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub> )
Version	: v1.1

#### About Spectinomycin dihydrochloride pentahydrate

No further details on record.

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