

## 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	: MFCD00150886
PubChem SID	: 310280217
Additional CAS	: 21736-83-4
Related Categories	: APIs, Antibiotics, Reagents for Cell Culture

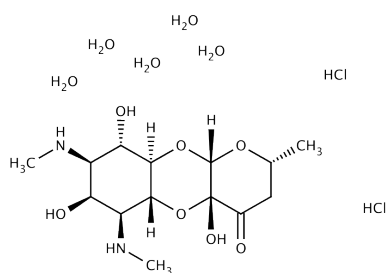
Physical Description	: White or almost white crystalline powder
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	: +15.0 - +21.0 (c=1, water)
pH (1% solution)	: 3.8 - 5.6
Water	: 16.0 - 20.0 %
Residue on Ignition	: $\leq 0.1\%$
Potency	: $\geq 603\mu\text{g}/\text{mg}$ (C <sub>14</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub> )
Version	: v1.0

#### About Spectinomycin dihydrochloride pentahydrate

No further details on record.

#### 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

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