

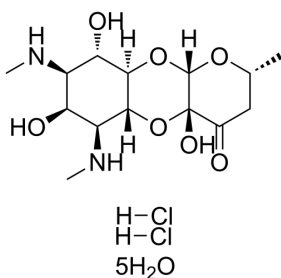
## Spectinomycin (dihydrochloride pentahydrate)

Cat. No.:	HY-B1828A
CAS No.:	22189-32-8
Batch No.:	34489
Chemical Name:	4H-Pyrano[2,3-b][1,4]benzodioxin-4-one, decahydro-4a,7,9-trihydroxy-2-methyl-6,8-bis(methyl amino)-, hydrochloride, hydrate (1:2:5), (2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>14</sub> H <sub>36</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>12</sub>
Molecular Weight:	495.35
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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