

Streptomycin

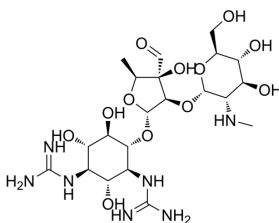
Cat. No.: HY-B1906
CAS No.: 57-92-1
Batch No.: 263314
Chemical Name: D-Streptomine, O-2-deoxy-2-(methylamino)- α -L-glucopyranosyl-(1 \rightarrow 2)-O-5-deoxy-3-C-formyl- α -L-lyxofuranosyl-(1 \rightarrow 4)-N1,N3-bis(aminoiminomethyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₁H₃₉N₇O₁₂
Molecular Weight: 581.57
Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.88%
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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