



Streptomycin Sulfate

An aminoglycoside antibiotic used as inhibitor of protein synthesis.

Cat. Number	AS-2019
CAS Number	3810-74-0
Additional CAS	57-92-1
MDL Number	MFCD00037023
Pubchem	310280303
Molecular Weight	1457.39 g/mol
Molecular Formula	(C ₂₁ H ₃₉ N ₇ O ₁₂) ₂ ·3H ₂ SO ₄
Storage Temperature	4°C
Form and Color	Powder, white to off-white
Assay (on dry basis)	Min. 720 IU/mg
pH	4.5 - 7
Loss on Drying (105 °C)	Max. 7%
Sulphated ash	≤ 1%
methanol	≤ 0.3%
FT-IR Spectrum	Corresponds to reference spectrum.
Synonym	Streptomycin sesquisulfate;Streptomycin A1