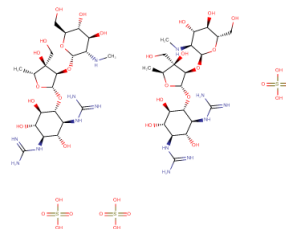


Product Name	: Dihydrostreptomycin sulfate
Synonyms	: Dihydrostreptomycin Sulfate; AI3-50133; AI3 50133; AI350133
Cat No.	: M14981
CAS Number	: 5490-27-7
Molecular Formula	: C ₂₁ H ₄₁ N ₇ O ₁₂ ·1.5H ₂ SO ₄
Formula Weight	: 730.71
Chemical Name	: D-Streptamine, O-2-deoxy-2-(methylamino)-alpha-L-glucopyranosyl-(1->2)-O-5-deoxy-3-C-(hydroxymethyl)-alpha-L-lyxofuranosyl-(1->4)-N1,N3-bis(aminoiminomethyl)-, sulfate (2:3)
Description	: Dihydrostreptomycin sulfate is an aminoglycoside antibiotic, used to treat bacterial diseases in cattle, pigs and sheep.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: Water: 10 mM
SMILES	: <chem>O[C@@H]1([C@H](CO)O1)[C@@H](O)[C@H](NC)[C@@H]1O[C@H]2[C@@H](O[C@@H]([C@]2(O)CO)C)O[C@@H]3[C@@H](NC(N)=N)[C@H](O)[C@H]([C@H](O)[C@H]3O)NC(N)=N.NC(N[C@@H]([C@H](O)[C@H]4O)[C@@H](O)[C@H](NC(N)=N)[C@H]4O[C@H](O[C@@H](C)[C@]5(O)CO)[C@@H]5O[C@H]6[C@@H](NC)[C@H](O)[C@H]([C@H](CO)O6)O)=N.OS(O)(=O)=O.OS(O)(=O)=O.OS(O)(=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. CHAVERIAT. Lyon Med. 1952 Dec 14; 187(50):377-9.