

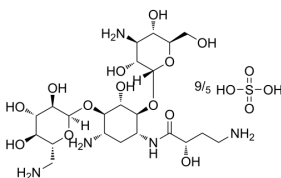
## Amikacin (sulfate)

Cat. No.:	HY-107813
CAS No.:	149022-22-0
Batch No.:	426483
Chemical Name:	D-Streptamine, O-3-amino-3-deoxy- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)]-N1-[(2S)-4-amino-2-hydroxy-1-oxobutyl]-2-deoxy-, sulfate (5:9) (salt)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>43</sub> N <sub>5</sub> O <sub>13</sub> .9/5H <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	762.14
Storage:	-20°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 (HPLC):	99.11%
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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