

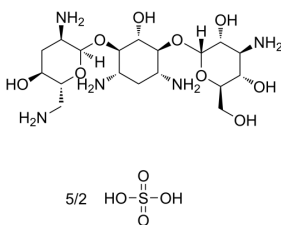
Tobramycin (sulfate)

Cat. No.: HY-B0441A
 CAS No.: 49842-07-1
 Batch No.: 253310
 Chemical Name: D-Streptamine, O-3-amino-3-deoxy- α -D-glucopyranosyl-(1 \rightarrow 6)-O-[2,6-diamino-2,3,6-trideoxy- α -D-ribo-hexopyranosyl-(1 \rightarrow 4)]-2-deoxy-, sulfate (2:5)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{37}N_5O_9 \cdot 5/2H_2O_4S$
 Molecular Weight: 712.18
 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
 MS: Consistent with structure
 Purity (NMR): $\geq 98.0\%$
 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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