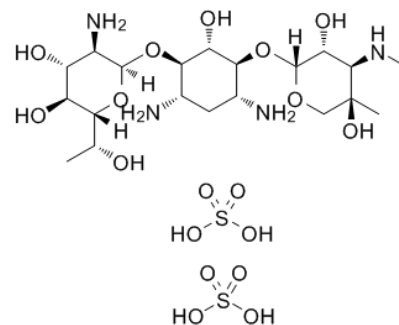


Product Name : Geneticin sulfate
Cat. No. : PC-45352
CAS No. : 108321-42-2
Molecular Formula : C₂₀H₄₄N₄O₁₈S₂
Molecular Weight : 692.7094
Target : Bacterial
Solubility : H₂O: ≥ 30 mg/mL

1. Waitz JA, et al. *Antimicrob Agents Chemother.* 1974 Nov;6(5):579-81.
2. Wagman GH, et al. *Antimicrob Agents Chemother.* 1974 Aug;6(2):144-9.



Biological Activity

Geneticin sulfate (G418, Antibiotic G-418 disulfate) is an aminoglycoside **antibiotic** with a structure similar to gentamicin, blocks polypeptide synthesis by inhibiting the elongation step in both prokaryotic and eukaryotic cells.

References

