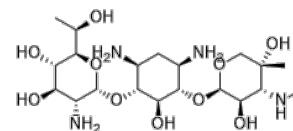


Product Name : Geneticin
Cat. No. : PC-27401
CAS No. : 49863-47-0
Molecular Formula : C₂₀H₄₀N₄O₁₀
Molecular Weight : 496.56
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Geneticin (G418, Antibiotic G-418) is an aminoglycoside antibiotic with a structure similar to gentamicin, is toxic to both eukaryotic and prokaryotic cells and works by interfering with protein synthesis.

References

Waitz JA, et al. Antimicrob Agents Chemother. 1974 Nov;6(5):579-81.

Wagman GH, et al. Antimicrob Agents Chemother. 1974 Aug;6(2):144-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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