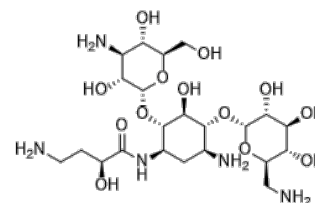


Product Name : Amikacin
Cat. No. : PC-25699
CAS No. : 37517-28-5
Molecular Formula : C₂₂H₄₃N₅O₁₃
Molecular Weight : 585.61
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Amikacin (BAY 41-6551) is an aminoglycoside antibiotic that is active against most Gram-negative bacteria, including gentamicin- and tobramycin-resistant strains (E. coli, MIC=512 ug/mL), induces thioredoxin-interacting protein (TXNIP) up-regulation and suppresses migration and invasion in MDA-MB-231 cells.

References

Fattorini L, et al. Antimicrob Agents Chemother. 1998 Mar;42(3):712-4.

Wang YH, et al. Toxics. 2020 Nov 20;8(4):108.

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

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