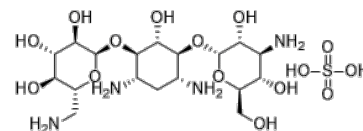


Product Name : Kanamycin sulfate
Cat. No. : PC-22725
CAS No. : 25389-94-0
Molecular Formula : C₁₈H₃₈N₄O₁₅S
Molecular Weight : 582.58
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Kanamycin (Kanamycin A) sulfate is an orally active antibacterial (gram-negative/positive bacteria) agent, inhibits translocation and causes misencoding by binding to the 70 S ribosomal subunit.

References

YANAGISAWA K, et al. J Antibiot (Tokyo). 1957 Nov;10(6):233-5.

Nishi T, et al. Antimicrob Agents Chemother. 1980 Mar;17(3):494-505.

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

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