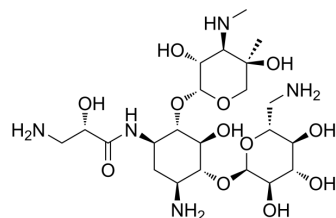


Isepamicin

Cat. No.:	HY-106668
CAS No.:	58152-03-7
Molecular Formula:	C ₂₂ H ₄₃ N ₅ O ₁₂
Molecular Weight:	569.6
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Isepamicin (Sch 21420) is an aminoglycoside antibacterial. Isepamicin has better activity against strains producing type I 6'-acetyltransferase. Isepamicin's antibacterial spectrum includes Enterobacteriaceae and staphylococci. Anaerobes, Neisseriaceae and streptococci are resistant. Isepamicin exhibits a strong concentration-dependent bactericidal effect, a long post-antibiotic effect (several hours) and induces adaptive resistance ^[1] .
IC ₅₀ & Target	Aminoglycoside

REFERENCES

[1]. Tod M, et al. Clinical pharmacokinetics and pharmacodynamics of isepamicin. Clin Pharmacokinet. 2000;38(3):205-223.

Caution: Product has not been fully validated for medical applications. For research use only.

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