

Product Name:	Isepamicin Sulfate
Product Number:	I042
CAS Number:	67814-76-0
Molecular Formula:	$C_{22}H_{43}N_5O_{12} \cdot xH_2SO_4$
Molecular Weight:	569.6
Storage Conditions:	2-8°C
Description:	Isepamicin sulfate is an aminoglycoside antibiotic derived from gentamicin B.
Mechanism of Action:	Similar to other aminoglycosides, isepamicin sulfate binds to the 30S ribosomal subunit resulting in an inability to read mRNA ultimately producing a faulty or nonexistent protein.
References:	Falagas, M. E., Karageorgopoulos, D. E., Georgantzi, G. G., Sun, C., Wang, R., & Rafailidis, P. I. (2012). Susceptibility of Gram-negative bacteria to isepamicin: a systematic review. Expert Review of Anti-infective Therapy, 10(2), 207-218. doi:10.1586/eri.11.170

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