Spectinomycin . sulfate

Aminocyclitol antibiotic

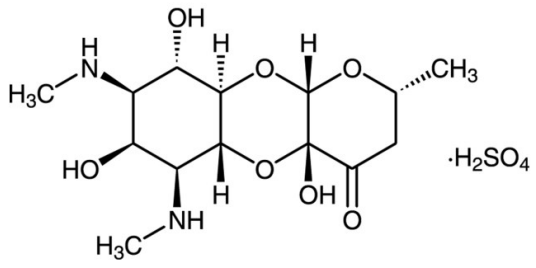
Antibiotic. Inhibits protein synthesis (elongation) by interfering with peptidyl tRNA translocation. Effective against Gram-negative and Gram-positive bacteria (*Gonnococcus* only). Mutation in rpsE (the gene for ribosomal protein S5) prevents binding of spectinomycin.

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Ordering Information Order Online »

BML-A281-0010	10g

Manuals, SDS & CofA View Online »


OH
H
N
H
H
O
O
CH3
H3C
HO
O
·H2SO4
H
OH
NH
O
H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	U-18409E
Appearance	White solid.
CAS	64058-48-6
Formula	$C_{14}H_{24}N_2O_7 \cdot H_2SO_4$
MW	430.4
Purity	≥94% (HPLC)
Solubility	Soluble in water.

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