Virginiamycin S1

Streptogramin antibiotic

Antibiotic that inhibits bacterial protein synthesis.

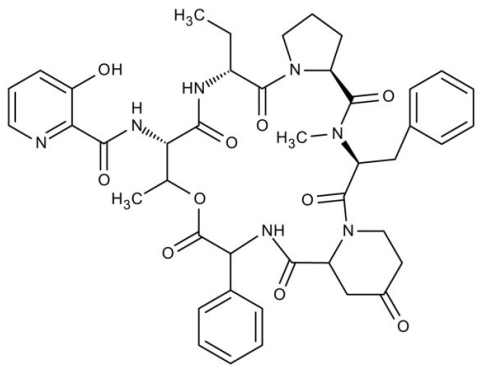
Virginiamycin S1 inhibits bacterial protein synthesis at the level of aminoacyl-tRNA binding and peptide bond formation. It inactivates the 50S ribosome. When used in combination with Virginiamycin M1 it is synergistic. Virginiamycin is used as a performance promoter in animal husbandry. It is chemically modified to make therapeutic drugs such as quinupristin and dalfopristin.

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Ordering Information Order Online »

ENZ-CHM106-0005	5mg

Manuals, SDS & CofA View Online »


H3C
OH
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N
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H3C
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H3C
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Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Staphilomycin S
Appearance	White solid.
CAS	23152-29-6
Formula	$C_{43}H_{49}N_7O_{10}$
MW	823.9
Purity	≥99% (HPLC)
Source	Isolated from *Streptomyces virginiae*

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