Product Information

Nanaomycin A

Catalog Number N2410
Storage Temperature –20 °C

CAS RN 52934-83-5

Product Description
Molecular Formula: C_{16}H_{14}O_{6}
Molecular Weight: 302.28

Nanaomycin A is involved in heme dependent radical generation. It inhibits *in vitro* growth of the malaria parasite *Plasmodium falciparum* with more potency than Radicicol and less than Artemisin. Nanaomycin A interferes with the membrane or it inhibits coupling of oxidative phosphorylation. This is followed by a secondary inhibitory effect on proteins, nucleic acids, and cell wall peptidoglycans in Gram-positive bacteria.

Reagent
Nanaomycin is supplied as a powder.

Precautions and Disclaimer
For R&D use only. Not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions
Nanaomycin can be dissolved in 0.01 M Trizma base.

Storage/Stability
Store the product at –20 °C. After reconstitution, the solution should be kept at –20 °C.

References

SBC,KAA,LG,MAM 09/19-1