

Product Data Sheet

Product Name: Enramycin A

Cat. No.: GC91640

Chemical Properties

Cas. No. 34438-27-2

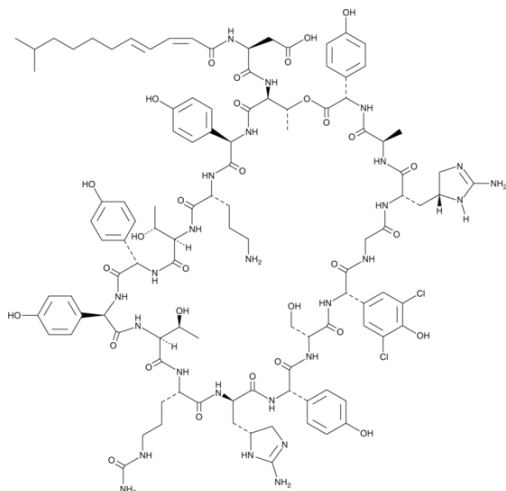
Formula $C_{107}H_{138}Cl_2N_{26}O_{31}$ M.Wt 2355.3

Solubility Methanol: Slightly Soluble: 0.1-1 mg/ml, Water: Slightly Soluble: 0.1-1 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Enramycin A is a lipopeptide antibiotic that has been found in *S. fungicidicus*.^[1] It also inhibits avian

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

myeloblastosis virus reverse transcriptase by 50% when used at a concentration of 10 µg/ml in a cell-free assay.^[2] Formulations containing enramycin A have been used as feed additives to prevent bacterial necrotic enteritis in livestock.

References:

[1].Iwasaki, H., Horii, S., Asai, M., et al.Enduracidin, a new antibiotic. VIII. Structures of enduracidins A and BChem. Pharm. Bull.21(6)1184-1191(1973).

[2].Inouye, Y., Take, Y., Nakamura, S., et al.Screening for inhibitors of avian myeloblastosis virus reverse transcriptase and effect on the replication of AIDS-virusJ. Antibiot. (Tokyo)40(1)100-104(1987).

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA