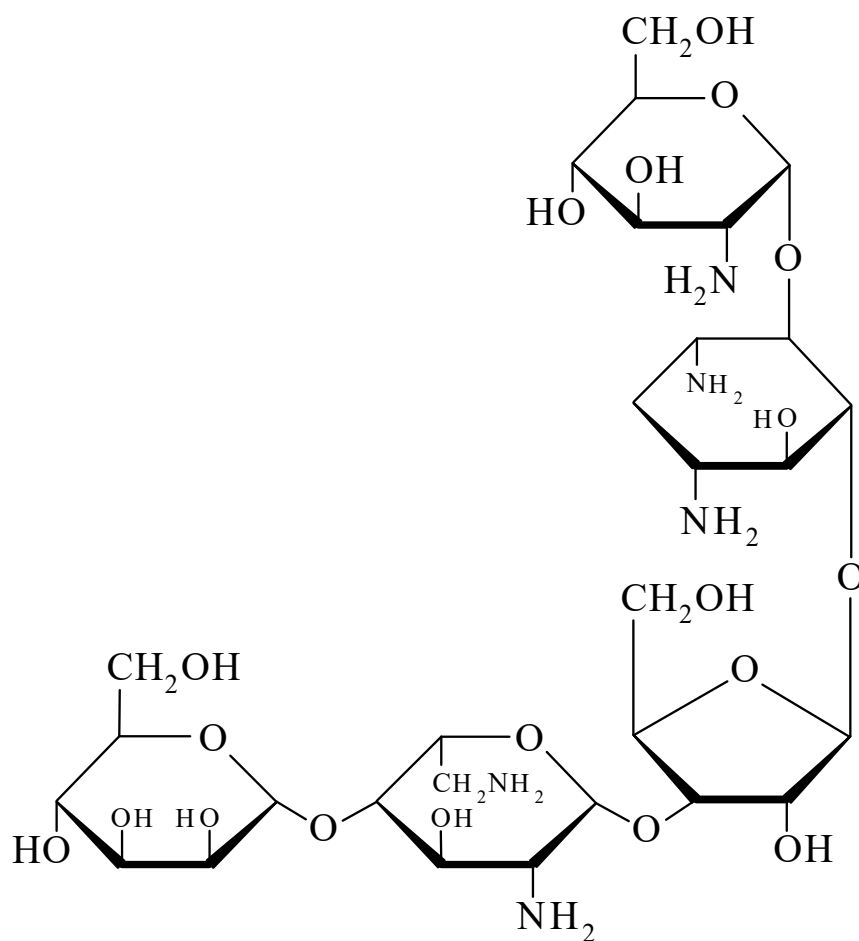




>>Entry Name: Mannosylparomomycin

Synonym(s): Quintomycin A. SF 767L. Antibiotic 503-1. Antibiotic 2230C. Antibiotic SF 767L



CAS Registry Number: 36019-37-1

Molecular Formula: $C_{29}H_{55}N_5O_{19}$

Molecular Weight: 777.776

Accurate Mass: 777.34913

Percentage Composition: C 44.78%; H 7.13%; N 9.00%; O 39.08%

Biological Source: Obt. from *Streptomyces lividus*

Use/Importance: Active against gram-positive and -negative bacteria

Melting Point: Mp 197-203°

Optical Rotation: $[\alpha]_D^{25} +74$ (c, 1.0 in H_2O)

Solubility: BERDY SOL: Sol. H_2O ; fairly sol. MeOH; poorly sol. butanol, hexane

UV: [neutral] λ_{max} (H_2O) (Berdy)

Other Data: Closely related to Lividomycin A [CKQ67-M](#)

Hazard & Toxicity: BERDY HAZD : LD₅₀ (mus, ivn) 198 mg/kg , LD₅₀ (mus, ipr) 357 mg/kg , LD₅₀ (mus, scu) 1878 mg/kg

References:

Mori, T. *et al.*, *J. Antibiot.*, 1971, **24**, 339; 1972, **25**, 317, (*isol, struct*)

Wang, W. *et al.*, *CA*, 1976, **85**, 166542, (*isol, struct, props*)