Product Name: Concanamycin B

Product Number: C183

CAS Number: 81552-33-2

Molecular Formula: C_{45}H_{73}NO_{14}

Molecular Weight: 851.5

Appearance: White solid

Storage Conditions: -20°C

Description: Concanamycin B is a macrocyclic lactone originally isolated from Streptomyces diastatochromogenes in 1982 as a potent inhibitor of the proliferation of mouse splenic lymphocytes stimulated by concanavalin A. Concanamycin B is soluble in ethanol, methanol, DMF and DMSO.

Mechanism of Action: Concanamycin B inhibits vacuolar H(+)‐ATPase and the expression of newly‐synthesized MHC class II molecules and suppresses bone resorption in vitro.

References:


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