Product Name: L-156602

Product Number: L021

CAS Number: 125528-51-5

Molecular Formula: C_{38}H_{64}N_{8}O_{13}

Molecular Weight: 840.5

Appearance: White solid off white light tan

Storage Conditions: -20°C

Description: L-156602 is a cyclic hexapeptide isolated from a strain of Streptomyces by researchers at Merck USA and reported in 1991. L-156602 belongs to the aurantimycin class and, like other members, is active against Gram positive bacteria. L-156602 was foremost discovered as a competitive binding inhibitor of the inflammatory peptide, C5a, to cell surface receptors on macrophages. In vivo, L-156602 profoundly suppresses footpad edema induced by concanavalin A and completely suppresses the infiltration of mononuclear leukocytes and neutrophils into the site of inflammation. L-156602 is soluble in ethanol, methanol, DMF or DMSO.

References:

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