Product Name: A 54556B

Product Number: A111

CAS Number: 142435-72-1

Molecular Formula: \( C_{37}H_{55}NO_{10} \)

Molecular Weight: 673.8

Appearance: Light tan to tan solid

Storage Conditions: -20°C

Description: A 54556B is an unusual depsipeptide isolated from Streptomyces hawaiiensis as antibiotics by researchers at Eli Lilly in 1985, featuring a trienone side chain. A 54556B is a potent antibacterial against Gram positive and Gram negative bacteria including MRSA. ADEPs are considered important leads in the development of new generations of antibiotics against resistant bacteria.

A 54556B is soluble in ethanol, methanol, DMF and DMSO.