Product Name: L-681217

Product Number: L022

CAS Number: 93522-10-2

Molecular Formula: C_{36}H_{53}NO_{10}

Molecular Weight: 659.8

Appearance: Light Yellow Powder

Storage Conditions: -20°C

Description: L-681217 is a glycolipid-type antibiotic related to the efrotomycin class, isolated from a Streptomyces sp.. L 681,217 shows broad spectrum antibiotic activity against Gram positive and Gram negative bacteria.

L-681217 is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Mechanism of Action: L-681217 inhibits bacterial protein synthesis at the elongation stage, its target being elongation factor Tu (EF-Tu).

References:
