Product Name: L-681217
Product Number: L022
CAS Number: 93522-10-2
Molecular Formula: C₃₆H₅₃NO₁₀
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).