PRODUCT DATA SHEET

L-681217

Synonyms : L 681217

Specifications
CAS # : 93522-10-2
Molecular Formula : C_{36}H_{53}NO_{10}
Molecular Weight : 659.8
Source : Streptomyces sp.
Appearance : Light Yellow Powder
Purity : >95% by HPLC
Long Term Storage : -20°C
Solubility : Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes
L 681,217 is a glycolipid-type antibiotic related to the efrotomycin class, isolated from a Streptomyces sp.. L 681,217 also shows broad spectrum antibiotic activity against Gram positive and Gram negative bacteria. L-681,217 inhibits bacterial protein synthesis at the elongation stage, its target being elongation factor Tu (EF-Tu).

References