Azithromycin

Catalog Number: 8390155

Product Information

Synonyms: Azitrocin, CP-62993, Sumamed, Zithromax
Molecular Formula: C_{38}H_{72}N_{2}O_{12}
Molecular Weight: 749.0
CAS Number: 83905-01-5
Purity: 98%
Applications: FA
Formulation: Crystalline solid
Storage: Product should be kept at -20°C.

Description

Azithromycin is an acid-stable macrolide antibiotic that inhibits protein synthesis by binding to the 50S subunit of the bacterial ribosome. It is reported to inhibit autophagy. It is currently being researched as a potential treatment for COVID-19.

Preparation & Storage

Soluble in organic solvents such as ethanol and DMSO. It is soluble in DMSO up to 5mg/ml.

References