PRODUCT DATA SHEET

Lincomycin hydrochloride

Code No.: BIA-L1458
Pack sizes: 5 mg, 25 mg

Synonyms: Linocin, NSC 70731, U 10149a

Specifications
CAS # : 859-18-7
Molecular Formula : C18H35ClN2O6S
Molecular Weight : 443.0
Source : Streptomyces sp.
Appearance : White solid
Purity : >98% by HPLC
Long Term Storage : -20°C
Solubility : Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes
Lincomycin hydrochloride is a salt of lincomycin formed at the basic N-methylproline. The hydrochloride salt is the preferred formulation for pharmaceutical use. Lincomycin hydrochloride is a broad spectrum antibiotic with activity against anaerobic bacteria and protozoans. Lincomycin acts by binding to the 23S ribosomal subunit, blocking protein synthesis. Lincomycin has been extensively studied with over 7,000 literature citations.

References