

Product Data Sheet

Product Name: Parvodycin Complex

Cat. No.: GC44570

Chemical Properties

Cas. No. 187888-13-7

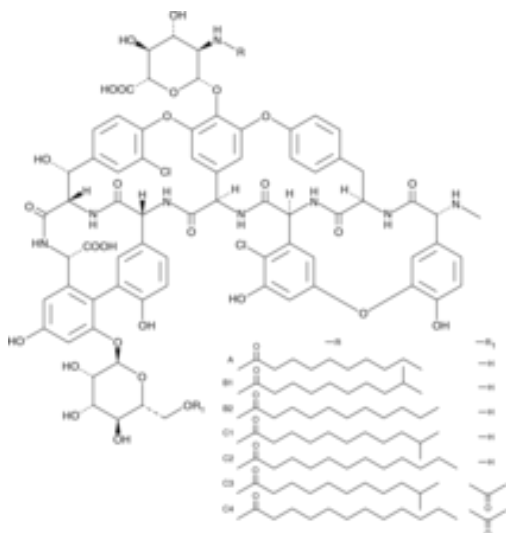
Formula C₈₃H₈₈Cl₂N₈O₂₉ (for C1) M.Wt 1732.5

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

Parvodycin complex is a mixture of closely related lipophilic glycopeptides originally isolated from *A. parvosata*. The parvodycin complex has activity against Gram-positive bacteria (MICs = 0.8-12.5 µg/ml) including methicillin-resistant strains of *S. aureus* (MRSA), *S. hemolyticus*, and *E. faecalis* (MICs = 0.1-25 µg/ml). Glycopeptide antibiotics act by preventing cell wall synthesis by binding and sequestering a cell wall precursor with a D-alanine-containing peptide.

Caution: Product has not been fully validated for medical applications. For research use only.

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