

Product Data Sheet

Product Name: Pikromycin

Cat. No.: GC47958

Chemical Properties

Cas. No. 19721-56-3

SMILES O=C(/C=C/[C@@](O)(C)[C@@H](CC)OC([C@@H]1C)=O)[C@H](C)C[C@H](C)[C@H](O[C@H]2[C@H](O)[C@@H](N(C)C)C[C@H](C)O2)[C@@H](C)C1=O

Formula C₂₈H₄₇NO₈

M.Wt 525.7

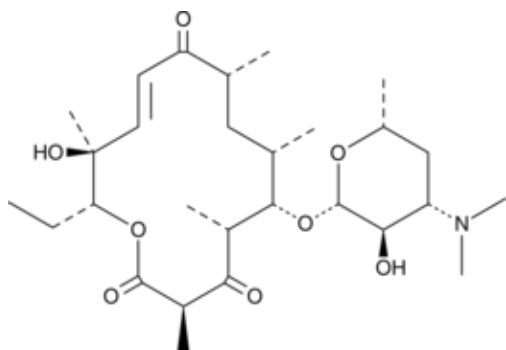
Solubility

Storage Store at -20°C

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

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

Structure



Background

Pikromycin is a macrolide antibiotic that has been found in *S. venezuelae*.¹ It is active against *E. coli*, *S. aureus*, and *B. subtilis* (MIC₉₀ = 50-60, 90-100, and 25-30 μM, respectively).

1. Gupta, S., Lakshmanan, V., Kim, B.S., et al. Generation of novel pikromycin antibiotic products through mutasynthesis. *ChemBioChem*. 9(10)1609-1616(2008)

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

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