

Product Data Sheet

Product Name: Pipacycline

Cat. No.: GC44646

Chemical Properties

Cas. No. 1110-80-1

SMILES OC1=C(C(NCN2CCN(CCO)CC2)=O)C([C@@]3(O)C(O)=C4C(C5=C(O)C=CC=C5[C@@](C)(O)[C@@]4([H])C[C@@]3([H])[C@@H]1N(C)C)=O)=O

Formula C₂₉H₃₈N₄O₉

M.Wt 586.6

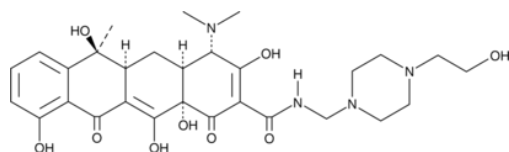
Solubility Soluble in DMSO

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

Pipacycline is a tetracycline antibiotic derivative. It inhibits the formation of penicillinase, the enzyme that inactivates penicillin in bacteria. It decreases oxygen uptake and inhibits growth of penicillin-resistant penicillinase-producing *S. aureus*.

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

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