
Product Data Sheet

Product Name: Cephapirin Benzathine

Cat. No.: GC19760

Chemical Properties

Cas. No. 97468-37-6

CC(=O)OCC1=C(N2[C@@H]([C@@H]

SMILES (C2=O)NC(=O)CSC3=CC=NC=C3)SC1C(=O)O.CC(=O)OCC1=C(N2[C@@H]([C@@H](C2=O)NC(=O)CSC3=CC=NC=C3)SC1)C(=O)O.C1=CC=C(C=C1)CNCCNCC2=CC=CC=C2

Formula C₅₀H₅₄N₈O₁₂S₄ M.Wt 1087.3

Solubility DMSO : 81mg/mL 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**

Cephapirin Benzathine is a semisynthetic, broad-spectrum, first-generation cephalosporin with antibacterial activity.

Nehru D A , Dhaliwal G S , Jan M H , et al. Clinical efficacy of intrauterine cephapirin benzathine administration on clearance of uterine bacteria and subclinical endometritis in postpartum buffaloes[.]. *Reproduction in Domestic Animals*, 2018.

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

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