

Product Data Sheet

Product Name: Cefazedone

Cat. No.: GC39542

Chemical Properties

Cas. No. 56187-47-4

SMILES O=C(O)C(N1[C@@]([H])([C@@H](C1=O)NC(CN(C=C(C2=O)Cl)C=C2Cl)=O)SC3)=C3CSC4=NN=C(S4)C

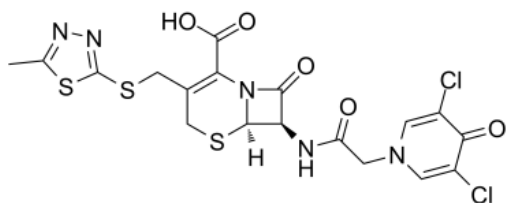
Formula $C_{18}H_{15}Cl_2N_5O_5S_3$ M.Wt 548.44

Solubility DMSO: 125 mg/mL (227.92 mM) 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

Cefazedone (Refosporen), a first-generation cephalosporin, is a time-dependent antibiotic with

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activity against Gram-positive and Gram-negative bacteria[1].

[1]. Gao L, et al. A Pharmacokinetic and Pharmacodynamic Study on Intravenous Cefazedone Sodium in Patients with Community-acquired Pneumonia. Chin Med J (Engl). 2015 May 5;128(9):1160-4.

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