

Product Data Sheet

Product Name: Ceftazidime (hydrate)

Cat. No.: GC43224

Chemical Properties

Cas. No. 78439-06-2

SMILES O=C(C1NC(/C(C2=CSC(N)=N2)=N\OC(C)(C)C(O)=O)=O)N3[C@]1([H])SCC(C[N+]4=C
C=CC=C4)=C3C([O-])=O.O.O.O.O.O

Formula C₂₂H₂₂N₆O₇S₂•5H₂O

M.Wt 636.7

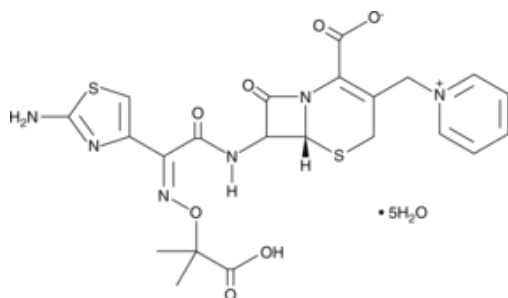
Solubility PBS (pH 7.2): 5 mg/ml

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

Ceftazidime is a broad-spectrum β -lactam antibiotic used for parenteral administration. It is a cephalosporin antibiotic that works by stopping the growth of bacteria. It is used in many types of bacterial infections.

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

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