

Product Name: Sulopenem

Catalog No.: 6337

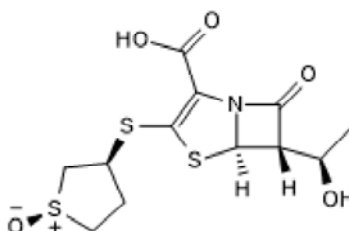
Batch No.: 1

CAS Number: 120788-07-0

IUPAC Name: (5*R*,6*S*)-6-[(1*R*)-1-Hydroxyethyl]-7-oxo-3-[[1*R*,3*S*]-tetrahydro-1-oxido-3-thienyl]thio]-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₂H₁₅NO₅S₃·½H₂O
Batch Molecular Weight: 358.46
Physical Appearance: White solid
Solubility: DMSO to 100 mM
 1.1eq. NaOH to 100 mM
Storage: Store at +4°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	40.21	4.5	3.91
Found	39.98	4.18	3.77

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Physical and Chemical Properties:

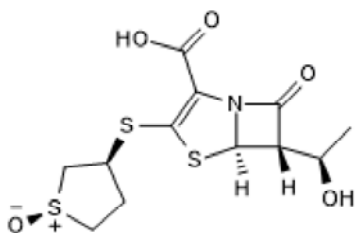
Batch Molecular Formula: C₁₂H₁₅NO₅S₃·½H₂O

Batch Molecular Weight: 358.46

Physical Appearance: White solid

Minimum Purity: >98%

Batch Molecular Structure:



Storage: Store at +4°C

Solubility & Usage Info:

DMSO to 100 mM

1.1eq. NaOH to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold for research purposes under agreement from Pfizer Inc.

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