

## 1. Identification

### Catalogue Number

C261500

### Lot Number

13-NZZ-26-2

### Product Name

Cephapirin

### Synonyms

(6R,7R)-3-[(Acetyloxy)methyl]-8-oxo-7-[[[(4-pyridinylthio)acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; (6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[[[(4-pyridinylthio)acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; 7-[2-(4-Pyridylthio)acetamido]cephalosporanic Acid; Cefapirin; Cefaprin; Cephapirine; Cephaprin;

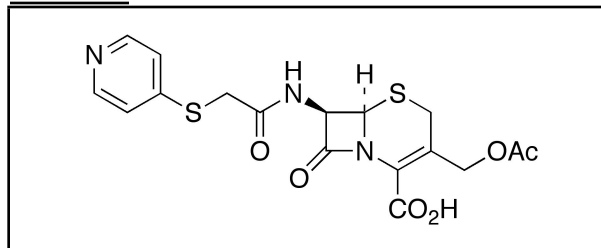
### CAS Number

21593-23-7

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub>S<sub>2</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

423.46

### Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information



Tests	Specifications	Results
Appearance	White to Beige Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 46.53, %H: 4.26, %N: 9.71
HPLC Purity	>95%	95.01% (290 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+90.7° (c = 0.2, DMSO; 4 Hours)

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			8/2/2023	7/31/2027
Nicole Yip	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		