
Certificate of Analysis

Product Name: Cephalothin
Cat. No.: GC11507
Batch No.: 1
Chemical Name: (6R,7R)-3-(acetoxymethyl)-8-oxo-7-(2-(thiophen-2-yl)acetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 153-61-7
Molecular Formula: $C_{16}H_{16}N_2O_6S_2$
Molecular Weight: 396.44
Storage: Store at -20°C, protect from light, stored under nitrogen
Chemical Structure:

ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

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

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