

Proteins



Certificate of Analysis

Cefuroxime axetil

Cat. No.: HY-B1325 64544-07-6 CAS No .: Batch No.: 309106

Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[[(aminocarbonyl)oxy]methyl]-7-[[(2Z)-

2-(2-furanyl)-2-(methoxyimino)acetyl]amino]-8-oxo-, 1-(acetyloxy)ethyl ester, (6R,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{22}N_4O_{10}S$

Molecular Weight: 510.47

4°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.53%

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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