

Screening Libraries

Proteins

Certificate of Analysis

(6R,7S)-Cefminox (sodium heptahydrate)

Cat. No.: HY-107330 CAS No.: 92636-39-0 Batch No.: 123872

Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2-amino-2-carboxyethyl)thio]acetyl]

amino]-7-methoxy-3-[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-, monosodium salt, hepta

hydrate, $[6R-(6\alpha,7\alpha)]$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆H₂₁N₇O₇S₃.7H₂O.Na

668.68 **Molecular Weight:**

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.19%

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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