Ceftriaxone (sodium salt)

Cat. No.: HY-B0712B
CAS No.: 74578-69-1
Batch No.: 16967

Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[2Z]-2-(2-amino-4-thiazolyl)-2-(methyloximino)acetyl]amino]-8-oxo-3-[[1,2,5,6-tetrahydro-2-methyl-5,6-dioxo-1,2,4-triazin-3-yl]thio]methyl]-, sodium salt (1:2), (6R,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{16}N_8Na_2O_7S_3$
Molecular Weight: 598.54
Storage: 4°C, protect from light
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

![Chemical Structure Image]

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 98.12%
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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