Certificate of Analysis

Ceftolozane (sulfate)

Cat. No.: HY-19806A
CAS No.: 936111-69-2
Batch No.: 343013

Chemical Name: 1H-Pyrazolium, 5-amino-4-[[(2-aminoethyl)amino]carbonyl]amino]-2-[[(6R,7R)-7-[[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino]-2-[(6R,7R)-7-[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino[(2Z)-2-(5-aminoethyl)amino]carbonyl]amino[(2Z)-2-(5-aminoethyl)amino]-2-[(6R,7R)-7-[(6R,7R)

ino-1,2,4-thiadiazol-3-yl)-2-[(1-carboxy-1-methylethoxy)imino]acetyl]amino]-2-carboxy-8-oxo-5-

thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methyl-, sulfate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₃H₃₂N₁₂O₁₂S₃

Molecular Weight: 764.77

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)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.97%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA