

Certificate of Analysis

 Product Name:
 Cefiderocol

 Cat. No.:
 CS-0016784

 CAS No.:
 1225208-94-5

Batch No.: 235910

Chemical Name: Pyrrolidinium, 1-[[(6R,7R)-7-[[(2Z)-2-(2-amino-4-thiazolyl)-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-[2-[(2-chloro-3

,4-dihydroxybenzoyl)amino]ethyl]-, inner salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{30}H_{34}CIN_7O_{10}S_2$

Molecular Weight: 752.21

Storage: -20°C, stored under nitrogen

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.01%

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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