

Certificate of Analysis

T-91825

Cat. No.: HY-105049

CAS No.: 189345-04-8

Batch No.: 267248

Chemical Name: Pyridinium, 4-[2-[[(6R,7R)-7-[[(2Z)-2-(5-amino-1,2,4-thiadiazol-3-yl)-2-(ethoxyimino)acetyl]amin

o]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]thio]-4-thiazolyl]-1-methyl-, inner sal

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PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{20}N_8O_5S_4$

Molecular Weight: 604.70

Storage: -20°C, sealed storage, away from moisture and light

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

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.53%

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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