Certificate of Analysis

Moxalactam (sodium salt)

Cat. No.: HY-B1484

CAS No.: 64953-12-4

Batch No.: 239680

Chemical Name: 5-Oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[(2R)-2-carboxy-2-(4-hydroxyphenyl)ac

etyl]amino]-7-methoxy-3-[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-, sodium salt (1:2), (6R

,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{18}N_6Na_2O_9S$

Molecular Weight: 564.44

Storage: 4°C, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (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): 98.54%

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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