Certificate of Analysis

Calcimycin

Cat. No.: HY-N6687 52665-69-7 CAS No .: Batch No.: 117953

Chemical Name: 4-Benzoxazolecarboxylic acid, 5-(methylamino)-2-[[(2R,3R,6S,8S,9R,11R)-3,9,11-trimethyl-8-[(1S

)-1-methyl-2-oxo-2-(1H-pyrrol-2-yl)ethyl]-1,7-dioxaspiro[5.5]undec-2-yl]methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{29}H_{37}N_3O_6$ **Molecular Weight:** 523.62

Storage: 4°C, sealed storage, away from moisture

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.12%

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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