

## **Certificate of Analysis**

## Calcimycin

Cat. No.: HY-N6687

CAS No.: 52665-69-7

Batch No.: 58129

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

Appearance: White to off-white (Solid)

Purity: ≥99.0%

Mass Spec: MH+: 524.1 Melting Point:  $188-191 \,^{\circ}\text{C}$ 

**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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