Certificate of Analysis

STING agonist-33

 Cat. No.:
 HY-153987

 CAS No.:
 2591300-32-0

 Batch No.:
 316320

Chemical Name: (E)-N-(5-Carbamoyl-1-(4-(5-carbamoyl-2-(4-ethyl-2-methylthiazole-5-carboxamido)-7-(3-hydrox

 $y propoxy) - 1 \\ H-benzo[d] imidazol - 1-yl) but - 2-en - 1-yl) - 7-methoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 1 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 4-ethoxy - 2 \\ H-benzo[d] imidazol - 2-yl) - 2 \\ H-benzo[d] imidazol$

yl-2-methylthiazole-5-carboxamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₈H₄₂N₁₀O₇S₂

Molecular Weight: 814.93

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.67%

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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