Certificate of Analysis

DNA gyrase B-IN-2

Cat. No.: HY-155007 **Batch No.:** 439211

Chemical Name: 2-(3,4-Dichloro-5-methyl-1H-pyrrole-2-carboxamido)-5-((3-methoxypropyl)amino)benzo[d]thiaz

ole-6-carboxylic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{18}Cl_2N_4O_4S$

Molecular Weight: 457.33

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.77%

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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