## **Certificate of Analysis**

## CLK1-IN-2

**Cat. No.:** HY-152219 **Batch No.:** 262896

Chemical Name: N'-(3,5-Dichlorophenyl)-5-methoxybenzo[b]thiophene-2-carbohydrazide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{12}Cl_2N_2O_2S$ 

Molecular Weight: 367.25

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: Off-white to light yellow (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.73%

**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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