## **Certificate of Analysis**

## NSC 694621

Cat. No.: HY-147288 CAS No.: 104857-29-6 Batch No.: 242143

**Chemical Name:** Isothiazolo[5,4-b]pyridin-3(2H)-one, 2-(4-methoxyphenyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{10}N_2O_2S$ 258.30 Molecular Weight:

Storage: Powder -20°C 3 years

> 4°C 2 years

-80°C 6 months In solvent

1 month -20°C

**Chemical Structure:** 

$$\bigvee_{O}^{N} \bigvee_{O}^{S} N - \bigvee_{O}^{O} O$$

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.01%

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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