Certificate of Analysis

NSC 694623

 Cat. No.:
 HY-147290

 CAS No.:
 907957-34-0

 Batch No.:
 266184

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{16}N_2OS$ Molecular Weight: 284.38

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.36%

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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