Certificate of Analysis

NPAS3-IN-1

HY-112374 Cat. No.: CAS No.: 2207-44-5 Batch No.: 317618

Chemical Name: Benzothiazole, 2-[(5-nitro-2-thiazolyl)thio]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_5N_3O_2S_3$

295.36 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

$$S \longrightarrow S \longrightarrow N^{+}O$$

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.29%

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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