Certificate of Analysis

NSC319726

Cat. No.: HY-18634 CAS No.: 71555-25-4 Batch No.: 286420

Chemical Name: 1-Azetidinecarbothioic acid, 2-[1-(2-pyridinyl)ethylidene]hydrazide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{14}N_4S$ 234.32 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

$$\begin{array}{c|c} N & H & N \\ \hline & N & S \\ \end{array}$$

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.02%

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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