Certificate of Analysis

Semicarbazide (hydrochloride)

Cat. No.: HY-Y0470
CAS No.: 563-41-7
Batch No.: 97248

Chemical Name: Hydrazinecarboxamide, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: CH_6CIN_3O Molecular Weight:111.53

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

$$\begin{array}{c} O \\ H_2N \\ N \\ H \\ H-CI \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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