Certificate of Analysis



Girard's reagent T

Cat. No.: HY-W074541 CAS No.: 123-46-6 Batch No.: 271972

Chemical Name: Ethanaminium, 2-hydrazinyl-N,N,N-trimethyl-2-oxo-, chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₁₄ClN₃O Molecular Weight: 167.64

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:

$$\begin{array}{c|c} & O \\ & N^+ \\ \hline & N \\ CI^- \\ & H \end{array}$$

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity (HPLC): 99.78%

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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