

## **Certificate of Analysis**

## Girard's reagent T

Cat. No.: HY-W074541
CAS No.: 123-46-6
Batch No.: 407842

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

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_{14}CIN_3O$  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:** 

$$N^+$$
  $N^+$   $N^+$   $N^+$   $N^+$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.83%

**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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