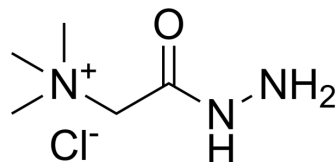


Girard's reagent T

Cat. No.:	HY-W074541
CAS No.:	123-46-6
Molecular Formula:	C ₅ H ₁₄ ClN ₃ O
Molecular Weight:	167.64
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (596.52 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.9652 mL	29.8258 mL	59.6516 mL
	5 mM	1.1930 mL	5.9652 mL	11.9303 mL
	10 mM	0.5965 mL	2.9826 mL	5.9652 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Girard's reagent T is often used in analytical chemistry as a derivatizing agent for carbonyl compounds. Girard's reagent T reacts with ketones and aldehydes to form stable hydrazones that can be readily analyzed by various techniques including chromatography and spectrophotometry. In addition, Girard's Reagent T has been used in the synthesis of a variety of organic compounds, including pharmaceuticals and agrochemicals.

In Vitro

Girard's reagent T is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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