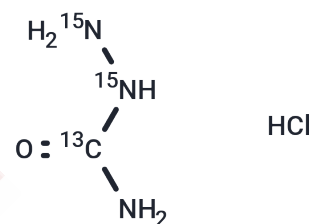


Semicarbazide-13C-15N2 hydrochloride

Chemical Properties

CAS No. : 1173020-16-0
 Formula: $^{13}\text{C}\text{H}_6\text{ClN}^{15}_2\text{O}$
 Molecular Weight: 114.51
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Semicarbazide-13C-15N2 hydrochloride is the 13C and 15N labeled compound of Semicarbazide Hydrochloride. Semicarbazide Hydrochloride (T1732) has a CAS number of 563-41-7. Semicarbazide is Snow white crystals and used as a reagent for ketones and aldehydes with which it affords crystalline compounds having characteristic melting points.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.7329 mL	43.6643 mL	87.3286 mL
5 mM	1.7466 mL	8.7329 mL	17.4657 mL
10 mM	0.8733 mL	4.3664 mL	8.7329 mL
50 mM	0.1747 mL	0.8733 mL	1.7466 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Takahashi M, et al. Toxicol Pathol. 2010 Jun;38(4):598-605.

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