

## KARI 201 hydrochloride

## Chemical Properties

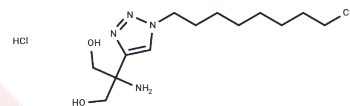
CAS No. : 2376132-24-8

Formula: C<sub>14</sub>H<sub>29</sub>ClN<sub>4</sub>O<sub>2</sub>

Molecular Weight: 320.86

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	KARI 201 hydrochloride is a selective, brain-penetrant, competitive inhibitor of acid sphingomyelinase (ASM) with an IC <sub>50</sub> of 338.3 nM. It also acts as an agonist for the growth hormone-releasing peptide receptor (ghrelin receptor). Additionally, KARI 201 hydrochloride can enhance the neuropathological features of Alzheimer's disease.
Targets(IC <sub>50</sub> )	GHSR, Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1166 mL	15.5831 mL	31.1662 mL
5 mM	0.6233 mL	3.1166 mL	6.2332 mL
10 mM	0.3117 mL	1.5583 mL	3.1166 mL
50 mM	0.0623 mL	0.3117 mL	0.6233 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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