

KARI 201

## Chemical Properties

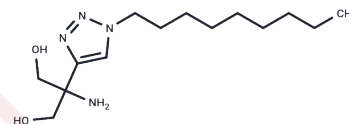
CAS No. : 2376132-22-6

Formula: C<sub>14</sub>H<sub>28</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 284.40

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 is a selective, brain-penetrant, competitive inhibitor of acid sphingomyelinase (ASM) with an IC <sub>50</sub> of 338.3 nM. Additionally, KARI 201 acts as an agonist of the growth hormone secretagogue receptor (ghrelin receptor). It is capable of improving the neuropathological characteristics of Alzheimer's disease.
Targets(IC <sub>50</sub> )	GHSR, Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5162 mL	17.5809 mL	35.1617 mL
5 mM	0.7032 mL	3.5162 mL	7.0323 mL
10 mM	0.3516 mL	1.7581 mL	3.5162 mL
50 mM	0.0703 mL	0.3516 mL	0.7032 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481