

hDDAH-1-IN-1

## Chemical Properties

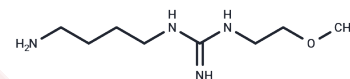
CAS No. : 1229238-69-0

Formula: C<sub>8</sub>H<sub>20</sub>N<sub>4</sub>O

Molecular Weight: 188.27

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	hDDAH-1-IN-1 is a selective non-amino acid catalytic site inhibitor of human dimethylarginine dimethylaminohydrolase-1 (hDDAH-1) (K <sub>i</sub> : 18 μM).
Targets(IC50)	Others,NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3115 mL	26.5576 mL	53.1152 mL
5 mM	1.0623 mL	5.3115 mL	10.623 mL
10 mM	0.5312 mL	2.6558 mL	5.3115 mL
50 mM	0.1062 mL	0.5312 mL	1.0623 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

Lunk I, et al. Discovery of N-(4-Aminobutyl)-N'-(2-methoxyethyl)guanidine as the First Selective, Nonamino Acid, Catalytic Site Inhibitor of Human Dimethylarginine Dimethylaminohydrolase-1 (hDDAH-1). J Med Chem. 2019 Dec 31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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