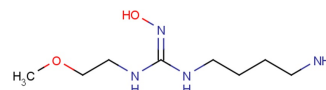


hDDAH-1-IN-2

**Chemical Properties**

CAS No.: 2408834-77-3  
Formula: C<sub>8</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>  
Molecular Weight: 204.27  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	hDDAH-1-IN-2 is an orally active human dimethylarginine dimethylaminohydrolase-1 (hDDAH-1) inhibitor.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.895 mL	24.477 mL	48.955 mL
5 mM	0.979 mL	4.895 mL	9.791 mL
10 mM	0.49 mL	2.448 mL	4.895 mL
50 mM	0.098 mL	0.49 mL	0.979 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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. 2020 Jan 9;63(1):425-432.

Inhibitors · Natural Compounds · Compound Libraries

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