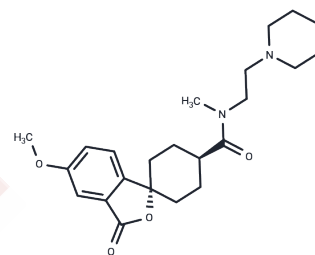


## H3R antagonist 5

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 879368-27-1   |
| Formula:          | C <sub>23</sub> H <sub>32</sub> N <sub>2</sub> O <sub>4</sub>   |
| Molecular Weight: | 400.511   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | H3R antagonist 5 (Compound 1b) is a selective inverse agonist of the histamine H3 receptor that can penetrate the blood-brain barrier, with an IC <sub>50</sub> of 0.54 nM. It is applicable for research related to the central nervous system. |
| Targets(IC <sub>50</sub> ) | Histamine Receptor   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4968 mL | 12.4841 mL | 24.9682 mL |
| 5 mM  | 0.4994 mL | 2.4968 mL  | 4.9936 mL  |
| 10 mM | 0.2497 mL | 1.2484 mL  | 2.4968 mL  |
| 50 mM | 0.0499 mL | 0.2497 mL  | 0.4994 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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