

GA001

## Chemical Properties

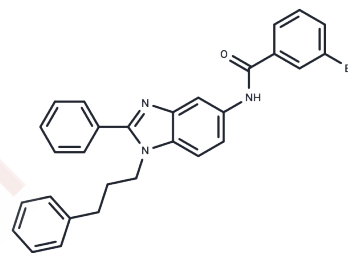
CAS No. : 2097880-27-6

Formula: C<sub>29</sub>H<sub>24</sub>BrN<sub>3</sub>O

Molecular Weight: 510.42

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                | GA001 is a potent G9a antagonist with an IC <sub>50</sub> of 1.32 μM. It can induce autophagy and apoptosis, and is applicable in the treatment of breast cancer. |
| Targets(IC <sub>50</sub> ) | Apoptosis,Histone Methyltransferase,Autophagy   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.9592 mL | 9.7959 mL | 19.5917 mL |
| 5 mM  | 0.3918 mL | 1.9592 mL | 3.9183 mL  |
| 10 mM | 0.1959 mL | 0.9796 mL | 1.9592 mL  |
| 50 mM | 0.0392 mL | 0.1959 mL | 0.3918 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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