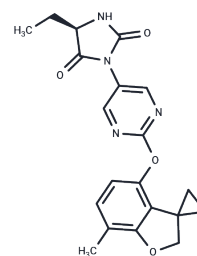


## Kv3 modulator 5

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1380696-68-3  |
| Formula:          | C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub>   |
| Molecular Weight: | 380.4   |
| 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   | Kv3 modulator 5 (Example 5), a Kv3 channel modulator, enhances the Kv3.2 current and may be employed in research of hearing disorders [1]. |
| Targets(IC50) | Potassium Channel  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6288 mL | 13.1441 mL | 26.2881 mL |
| 5 mM  | 0.5258 mL | 2.6288 mL  | 5.2576 mL  |
| 10 mM | 0.2629 mL | 1.3144 mL  | 2.6288 mL  |
| 50 mM | 0.0526 mL | 0.2629 mL  | 0.5258 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481