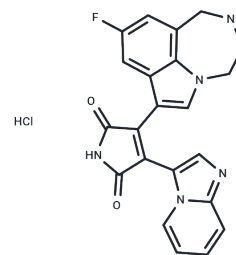


## GSK-3 inhibitor 1

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 603272-51-1   |
| Formula:          | C22H17ClFN5O2   |
| Molecular Weight: | 437.85  |
| 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   | GSK-3 inhibitor 1 is a GSK-3 inhibitor. |
| Targets(IC50) | GSK-3                                   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2839 mL | 11.4194 mL | 22.8389 mL |
| 5 mM  | 0.4568 mL | 2.2839 mL  | 4.5678 mL  |
| 10 mM | 0.2284 mL | 1.1419 mL  | 2.2839 mL  |
| 50 mM | 0.0457 mL | 0.2284 mL  | 0.4568 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

SOLUBILIZED COMPOSITIONS FOR CONTROLLED PROLIFERATION OF STEM CELLS / GENERATING INNER EAR HAIR CELLS USING GSK3 INHIBITORS: III. 20170252449 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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