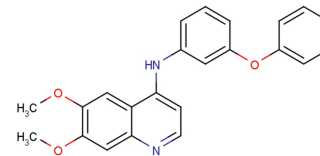


GW284543

**Chemical Properties**

CAS No.: 790186-68-4  
Formula: C<sub>23</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>  
Molecular Weight: 372.42  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

|                            |                                             |
|----------------------------|---------------------------------------------|
| Description                | GW284543 is a selective inhibitor of MEK5 . |
| Targets(IC <sub>50</sub> ) | MEK5: None                                  |

**Solubility Information**

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 125 mg/mL (335.64 mM)<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 2.685 mL | 13.426 mL | 26.851 mL |
| 5 mM  | 0.537 mL | 2.685 mL  | 5.37 mL   |
| 10 mM | 0.269 mL | 1.343 mL  | 2.685 mL  |
| 50 mM | 0.054 mL | 0.269 mL  | 0.537 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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481