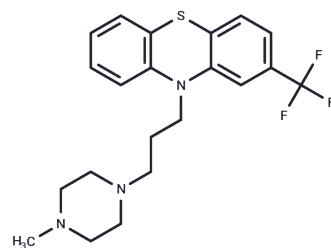


## Trifluoperazine

### Chemical Properties

CAS No. : 117-89-5  
Formula: C<sub>21</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>S  
Molecular Weight: 407.5  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Description                | Trifluoperazine (trifluoroperazine) is a Dopamine D2 receptor inhibitor(IC <sub>50</sub> : 1.2 nM), and Treatment of schizophrenia. |
| Targets(IC <sub>50</sub> ) | CaMK,Dopamine Receptor,Influenza Virus,Adrenergic Receptor,P-gp,Autophagy                                                           |

### Solubility Information

|            |                                                                                               |
|------------|-----------------------------------------------------------------------------------------------|
| Solubility | DMSO: 10 mg/mL (24.54 mM),<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.454 mL  | 12.2699 mL | 24.5399 mL |
| 5 mM  | 0.4908 mL | 2.454 mL   | 4.908 mL   |
| 10 mM | 0.2454 mL | 1.227 mL   | 2.454 mL   |
| 50 mM | 0.0491 mL | 0.2454 mL  | 0.4908 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.

### Reference

Lu J, Hou Y, Ge S, et al. Screened antipsychotic drugs inhibit SARS-CoV-2 binding with ACE2 in vitro. Life Sciences. 2020: 118889.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481