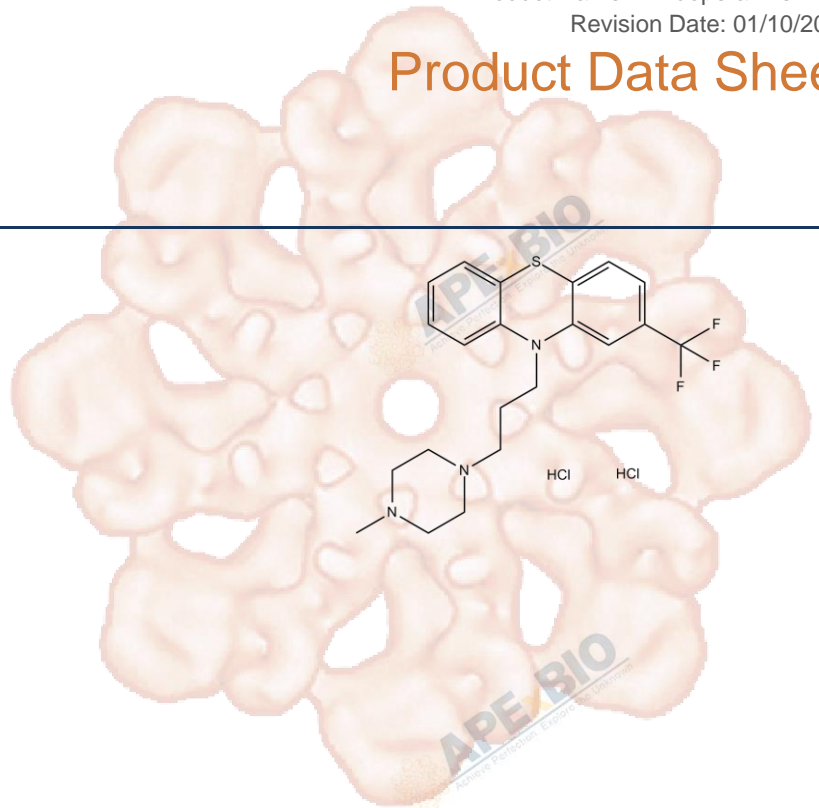


# Product Data Sheet

## Trifluoperazine 2HCl

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| <b>Cat. No.:</b> | B1397                                                                |
| <b>CAS No.:</b>  | 440-17-5                                                             |
| <b>Formula:</b>  | C <sub>21</sub> H <sub>24</sub> F <sub>3</sub> N <sub>3</sub> S·2HCl |
| <b>M.Wt:</b>     | 480.42                                                               |
| <b>Synonyms:</b> |                                                                      |
| <b>Target:</b>   | Ubiquitination/ Proteasome                                           |
| <b>Pathway:</b>  | Autophagy                                                            |
| <b>Storage:</b>  | Store at -20°C                                                       |



### Solvent & Solubility

≥24.02 mg/mL in DMSO; ≥48 mg/mL in H<sub>2</sub>O; ≥7.26 mg/mL in EtOH with ultrasonic

In Vitro

| Preparing Stock Solutions | Solvent              | Mass      |            |            |
|---------------------------|----------------------|-----------|------------|------------|
|                           |                      | 1mg       | 5mg        | 10mg       |
|                           | <b>Concentration</b> |           |            |            |
|                           | <b>1 mM</b>          | 2.0815 mL | 10.4076 mL | 20.8151 mL |
|                           | <b>5 mM</b>          | 0.4163 mL | 2.0815 mL  | 4.1630 mL  |
|                           | <b>10 mM</b>         | 0.2082 mL | 1.0408 mL  | 2.0815 mL  |

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Dopamine D2 receptor inhibitor

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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