# Data Sheet (Cat.No.T16472)



# Pericyazine

#### **Chemical Properties**

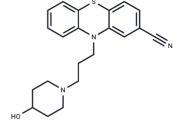
CAS No.: 2622-26-6

Formula: C21H23N3OS

Molecular Weight: 365.49

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### **Biological Description**

|               | Pericyazine (Propericiazine) is a selective D2-dopamine receptor antagonist. Pericyazine is a first-generation antipsychotic drug that is used as an adjunct to the short-term management of severe anxiety states and psychosis. |
|---------------|---|
| Targets(IC50) | Dopamine Receptor   |

#### **Solubility Information**

| Solubility | DMSO: 200 mg/mL (547.21 mM), Sonication is recommended.         |  |  |
|------------|---|--|--|
|            | (< 1 mg/ml refers to the product slightly soluble or insoluble) |  |  |
|            |   |  |  |

## **Preparing Stock Solutions**

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7361 mL | 13.6803 mL | 27.3605 mL |
| 5 mM  | 0.5472 mL | 2.7361 mL  | 5.4721 mL  |
| 10 mM | 0.2736 mL | 1.368 mL   | 2.7361 mL  |
| 50 mM | 0.0547 mL | 0.2736 mL  | 0.5472 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

Morley KC, et al. Pericyazine in the treatment of cannabis dependence in general practice: a naturalistic pilot trial. Subst Abuse Rehabil. 2012 May 28;3:43-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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