

## Primidone

Catalog No: #S0024

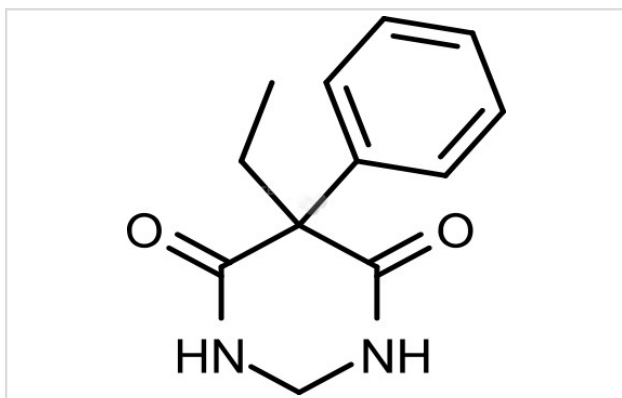
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## Description

Product Name	Primidone
Brief Description	Inhibitors
Purification	99.09%
Target Name	AChR antagonist; GABA Receptor inhibitor; GluR antagonist; Sodium Channel inhibitor
Calculated MW	218.26
Formulation	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Nervous system  
SMILES: CCC1(C(=O)NCNC1=O)C1=CC=CC=C1  
Pathways: Membrane transporter/Ion channel;  
Neuroscience Receptor: nAChR; GABA<sub>R</sub>; GluR<sub>2</sub>; Sodium Channel  
Boiling pt: Melting pt: 281-282°C  
Solubility: Ethanol: 3 mg/mL (13.74 mM); DMSO: 44 mg/mL (201.6 mM)  
Appearance: White Powder  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Yamakura T, et al. Annu Rev Pharmacol Toxicol. 2001;41:23-51.

Note: This product is for in vitro research use only