

## Carbamazepine

Catalog No: #S0943

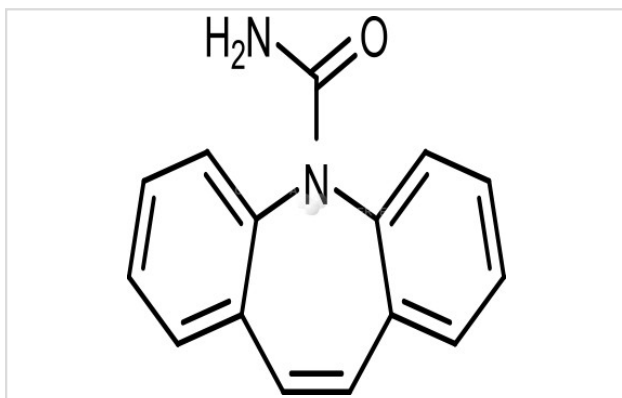
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## Description

Product Name	Carbamazepine
Brief Description	Inhibitors
Purification	99.88%
Target Name	Sodium Channel inhibitor
Calculated MW	236.27
Formulation	C15H12N2O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Nervous system  
SMILES: NC(=O)N1C=CC=CC=C2C=CC=CC=C12  
Pathways: Membrane transporter/Ion channel  
Receptor: Sodium Channel  
Boiling pt: Melting pt: 189-192°C  
Solubility: Ethanol: 18 mg/mL (76.18 mM); DMSO: 47 mg/mL (198.92 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. Willow M, et al. Mol Pharmacol, 1982, 22(3), 627-635.

Note: This product is for in vitro research use only