

# Phenytoin

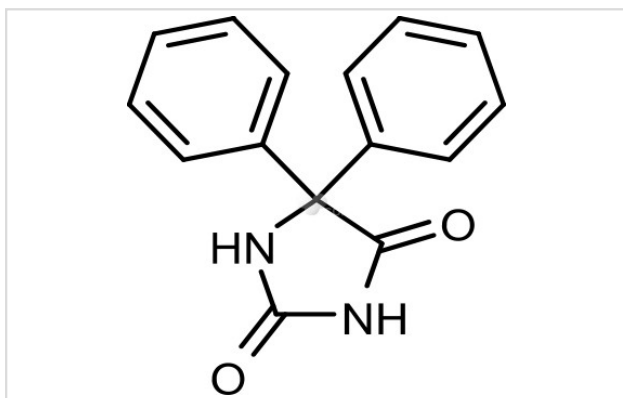
Catalog No: #S0939

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Phenytoin
Brief Description	Inhibitors
Purification	99.95%
Target Name	Sodium Channel inhibitor
Calculated MW	252.27
Formulation	C15H12N2O2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Nervous system  
 SMILES: O=C1NC(=O)C(N1)(C1=CC=CC=C1)C1=CC=CC=C1  
 Pathways: Membrane transporter/Ion channel  
 Receptor: Sodium Channel  
 Boiling pt: Melting pt: 293-295°C  
 Solubility: Ethanol: 13 mg/mL (51.53 mM); DMSO: 50 mg/mL (198.2 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

- Owoeye O, et al. J Diet Suppl. 2015 Mar;12(1):105-17.

Note: This product is for in vitro research use only