

Phenytoin sodium

Catalog No: #S0008

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Description

Product Name	Phenytoin sodium
Brief Description	Inhibitors
Purification	99.16%
Target Name	Sodium Channel inhibitor
Calculated MW	274.25
Formulation	C15H11N2NaO2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

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: 428.2°C
Melting pt: 290-299°C
Solubility: Ethanol: 11 mg/mL (40.1 mM); Water: 3 mg/mL (10.93 mM); DMSO: 32 mg/mL (116.68 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. Lenkowski PW, et al. Eur J Pharm Sci. 2004 Apr;21(5):635-44.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.