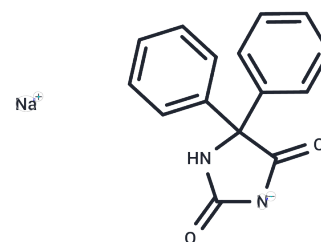


Phenytoin sodium

Chemical Properties

CAS No. :	630-93-3
Formula:	C ₁₅ H ₁₁ N ₂ NaO ₂
Molecular Weight:	274.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Phenytoin sodium (Diphantoine) is an inactive stabilizer for voltage-gated sodium channel .
Targets(IC50)	Virus Protease,Sodium Channel

Solubility Information

Solubility	Ethanol: 9 mg/mL (32.8 mM), DMSO: 6.25 mg/mL (22.79 mM),Sonication is recommended. H ₂ O: 3 mg/mL (10.93 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6463 mL	18.2315 mL	36.4631 mL
5 mM	0.7293 mL	3.6463 mL	7.2926 mL
10 mM	0.3646 mL	1.8232 mL	3.6463 mL
50 mM	0.0729 mL	0.3646 mL	0.7293 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

Lenkowski PW, et al. Eur J Pharm Sci. 2004 Apr;21(5):635-44.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481