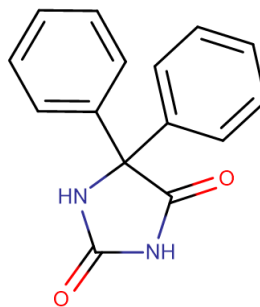


Product Name	: Phenytoin sodium
Synonyms	: Phenytoin Sodium; Dilantin sodium; Diphenylhydantoin Sodium; 5,5-Diphenylhydantoin sodium salt; Diphantoine
Cat No.	: M15385
CAS Number	: 630-93-3
Molecular Formula	: C ₁₅ H ₁₁ N ₂ NaO ₂
Formula Weight	: 274.25
Chemical Name	: sodium;5,5-diphenylimidazolidin-3-ide-2,4-dione
Description	: Phenytoin sodium is an inactive voltage-gated sodium channel stabilizer.
Pathway	: Membrane Transporter/Ion Channel
Target	: Sodium Channel
Receptor	: Sodium Channel
Solubility	: Ethanol: 11 mg/mL (40.1 mM); Water: 3 mg/mL (10.93 mM); DMSO: 32 mg/mL (116.68 mM)
SMILES	: <chem>O=C1NC(=O)C(N1)(C1=CC=CC=C1)C1=CC=CC=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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