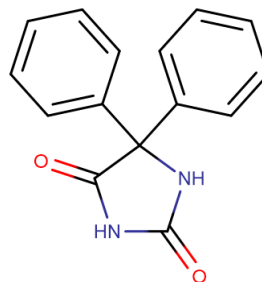


Product Name	: Phenytoin
Synonyms	: 5,5-Diphenylhydantoin; NSC 8722
Cat No.	: M15096
CAS Number	: 57-41-0
Molecular Formula	: C ₁₅ H ₁₂ N ₂ O ₂
Formula Weight	: 252.27
Chemical Name	: 2,4-Imidazolidinedione, 5,5-diphenyl-
Description	: Phenytoin is an inactive voltage-gated sodium channel stabilizer.
Pathway	: Membrane Transporter/Ion Channel
Target	: Sodium Channel
Receptor	: Sodium Channel
Solubility	: Ethanol: 13 mg/mL (51.53 mM); DMSO: 50 mg/mL (198.2 mM)
SMILES	: <chem>O=C(C(C1=CC=CC=C1)(C2=CC=CC=C2)N3)NC3=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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