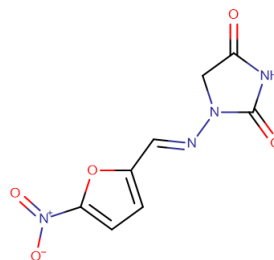


Product Name	: Nitrofurantoin
Synonyms	: NSC 2107; NSC 44150
Cat No.	: M15565
CAS Number	: 67-20-9
Molecular Formula	: C ₈ H ₆ N ₄ O ₅
Formula Weight	: 238.16
Chemical Name	: (E)-1-(((5-nitrofuran-2-yl)methylene)amino)imidazolidine-2,4-dione
Description	: Nitrofurantoin is an antibiotic usually used to treat urinary tract infections.
Pathway	: Membrane Transporter/Ion Channel
Target	: NADPH
Receptor	: NADPH nitroreductase
Solubility	: Water: 79 mg/l at 24 °C
SMILES	: <chem>O=C(N1)CN(/N=C/C2=CC=C([N+](=[O-])=O)O2)C1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Sisson G, et al. Antimicrob Agents ChemOthers. 2002 Jul;46(7):2116-23.