

Iprodione

Cat. No.:	OB0225LY-0244
Appearance:	Solid
Purity:	≥98%
Identity:	Confirmed by NMR, HPLC, and LC-MS.
Size:	200 mg; 500 mg; 1 g; 5 g

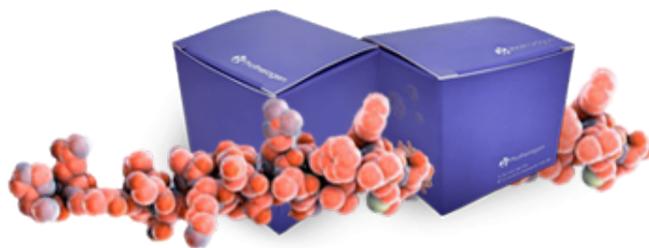
This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Iprodione is a broad-spectrum pesticide that is mainly used to control a wide range of plant diseases.
Synonym	36734-19-7; Rovral; Glycophene; Promidione; Glycophen; Iprodial; 3-(3,5-Dichlorophenyl)- <i>N</i> -isopropyl-2,4-dioxoimidazolidine-1-carboxamide; 1-Isopropyl carbamoyl-3-(3,5-dichlorophenyl)-hydantoin
CAS No.	36734-19-7
Compound CID	37517
Formula	C ₁₃ H ₁₃ Cl ₂ N ₃ O ₃
Formula Weight	330.17

Specification

Relative Density	1.464 g/cm ³
IUPAC Name	3-(3,5-Dichlorophenyl)-2,4-dioxo- <i>N</i> -propan-2-ylimidazolidine-1-carboxamide
InChI	InChI=1S/C13H13Cl2N3O3/c1-7(2)16-12(20)17-6-11(19)18(13(17)21)10-4-8(14)3-9(15)5-10/h3-5,7H,6H2,1-2H3,(H,16,20)
InChI Key	ONUFESLQCSAYKA-UHFFFAOYSA-N
SMILES string	CC(C)NC(=O)N1CC(=O)N(C1=O)C2=CC(=CC(=C2)Cl)Cl
Stability	3 years in powder form.
Storage	Storage at -20°C.

**Applications**

Iprodione can be used in cannabis testing kits as a component of pesticide mixes .

Library Information

Targets	Reactive oxygen species
Pathways	Metabolism; Microbiology/Virology; NF-κB; Immunology/Inflammation
Plate Number	AOCL-4
Plate Location	a9
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10 mM DMSO
DMSO Max Solubility	60 mg/mL; 181.72 mM
Ethanol Max Solubility	10 mg/mL
Solubility	Insoluble in water.