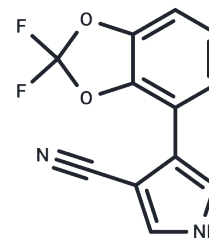


Fludioxonil

Chemical Properties

CAS No. :	131341-86-1
Formula:	C ₁₂ H ₆ F ₂ N ₂ O ₂
Molecular Weight:	248.18
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fludioxonil (CGA 173506), a phenylpyrrole fungicide, inhibits the growth of <i>B. cinerea</i> from strawberry and blackberry crops.
Targets(IC50)	Apoptosis,Antifungal

Solubility Information

Solubility	DMSO: 11 mg/mL (44.32 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0293 mL	20.1467 mL	40.2933 mL
5 mM	0.8059 mL	4.0293 mL	8.0587 mL
10 mM	0.4029 mL	2.0147 mL	4.0293 mL
50 mM	0.0806 mL	0.4029 mL	0.8059 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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