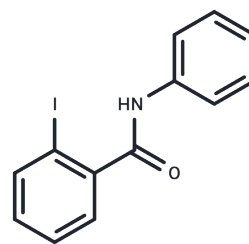


Benodanil

Chemical Properties

CAS No. :	15310-01-7
Formula:	C ₁₃ H ₁₀ INO
Molecular Weight:	323.13
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	Benodanil (Calirus) is a kind of fungicide.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 50 mg/mL (154.74 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 2.5 mg/mL (7.74 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0947 mL	15.4736 mL	30.9473 mL
5 mM	0.6189 mL	3.0947 mL	6.1895 mL
10 mM	0.3095 mL	1.5474 mL	3.0947 mL
50 mM	0.0619 mL	0.3095 mL	0.6189 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

Chen, X. et al.: Org. Biomol. Chem., 15, 3423 (2017)

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