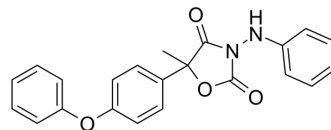


Famoxadone

Cat. No.:	HY-B2008		
CAS No.:	131807-57-3		
Molecular Formula:	C ₂₂ H ₁₈ N ₂ O ₄		
Molecular Weight:	374.39		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (267.10 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6710 mL	13.3551 mL	26.7101 mL
		5 mM	0.5342 mL	2.6710 mL	5.3420 mL
10 mM		0.2671 mL	1.3355 mL	2.6710 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.68 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.68 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Famoxadone (DPX-JE874) is a fungicide acting against a broad spectrum of fungi and is widely used in Integrated Pest Management strategies in different agricultural crops ^[1] .
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REFERENCES

[1]. D T Likas, et al. Rapid Gas Chromatographic Method for the Determination of Famoxadone, Trifloxystrobin and Fenhexamid Residues in Tomato, Grape and Wine Samples. J Chromatogr A. 2007 May 25;1150(1-2):208-14.

Caution: Product has not been fully validated for medical applications. For research use only.

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