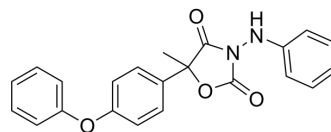


Famoxadone

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	<ol style="list-style-type: none"> 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 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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