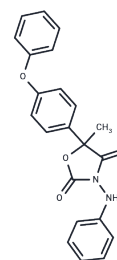


Famoxadone

Chemical Properties

CAS No. :	131807-57-3
Formula:	C ₂₂ H ₁₈ N ₂ O ₄
Molecular Weight:	374.39
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	Famoxadone (DPX-JE874) is a chiral bactericide with antifungal activity, induces hepatic steatosis, lipid metabolism disorders and hepatic oxidative stress, and induces thyroid gland dysfunction.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 80 mg/mL (213.68 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	2.671 mL	13.3551 mL	26.7101 mL
5 mM	0.5342 mL	2.671 mL	5.342 mL
10 mM	0.2671 mL	1.3355 mL	2.671 mL
50 mM	0.0534 mL	0.2671 mL	0.5342 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

Likas DT, 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481