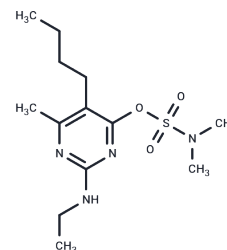


Bupirimate

Chemical Properties

CAS No. :	41483-43-6
Formula:	C ₁₃ H ₂₄ N ₄ O ₃ S
Molecular Weight:	316.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Bupirimate (Nimrod), an active ingredient in plant protection products, is commonly used as a systemic fungicide and finds applications in controlling powdery mildew in roses, apple plantations. It belongs to the family of pyrimidines.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 3.6 mg/mL (11.38 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1604 mL	15.8018 mL	31.6036 mL
5 mM	0.6321 mL	3.1604 mL	6.3207 mL
10 mM	0.316 mL	1.5802 mL	3.1604 mL
50 mM	0.0632 mL	0.316 mL	0.6321 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.

Reference

Estévez-Lao TY, Hillyer JF. Involvement of the Anopheles gambiae Nimrod gene family in mosquito immune responses. Insect Biochem Mol Biol. 2014 Jan;44:12-22.

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