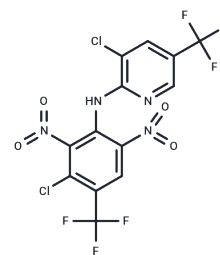


Fluazinam

Chemical Properties

CAS No. : 79622-59-6
 Formula: C₁₃H₄Cl₂F₆N₄O₄
 Molecular Weight: 465.09
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fluazinam is a pyridinamine fungicide with a broad spectrum of antifungal activity and had a strong inhibition effect on mycelial growth of <i>S. sclerotiorum</i> populations.
Targets(IC ₅₀)	Antifungal

Solubility Information

Solubility	DMSO: 125 mg/mL (268.77 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1501 mL	10.7506 mL	21.5012 mL
5 mM	0.430 mL	2.1501 mL	4.3002 mL
10 mM	0.215 mL	1.0751 mL	2.1501 mL
50 mM	0.043 mL	0.215 mL	0.430 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

Hou Y P , Mao X W , Wu L Y , et al. Impact of fluazinam on morphological and physiological characteristics of *Sclerotinia sclerotiorum*[J]. Pesticide Biochemistry and Physiology, 2019.

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