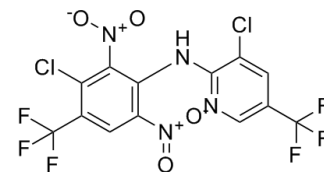


## Fluazinam

Cat. No.:	HY-B1839		
CAS No.:	79622-59-6		
Molecular Formula:	C <sub>13</sub> H <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> N <sub>4</sub> O <sub>4</sub>		
Molecular Weight:	465.09		
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 : 125 mg/mL (268.77 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1501 mL	10.7506 mL	21.5012 mL
		5 mM	0.4300 mL	2.1501 mL	4.3002 mL
10 mM		0.2150 mL	1.0751 mL	2.1501 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.47 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.47 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Fluazinam is a broad spectrum pyridinamine fungal inhibitor.
IC <sub>50</sub> & Target	Fungal <sup>[1]</sup>

### REFERENCES

[1]. Hou YP, et al. Impact of fluazinam on morphological and physiological characteristics of *Sclerotinia sclerotiorum*. *Pestic Biochem Physiol.* 2019 Mar;155:81-89.

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

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