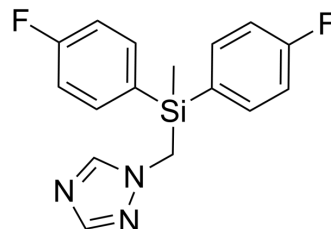


Flusilazole

Cat. No.:	HY-B2012		
CAS No.:	85509-19-9		
Molecular Formula:	C ₁₆ H ₁₅ F ₂ N ₃ Si		
Molecular Weight:	315.39		
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 (317.07 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.1707 mL	15.8534 mL	31.7068 mL
		5 mM	0.6341 mL	3.1707 mL	6.3414 mL
10 mM		0.3171 mL	1.5853 mL	3.1707 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: ≥ 2.5 mg/mL (7.93 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.93 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.93 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Flusilazole (DPX-H6573), an organosilane fungicide, has broad-spectrum antifungal effect. Flusilazole exhibits curative and preventative activities and is recommended for use in agriculture and horticulture ^[1] .
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REFERENCES

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

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