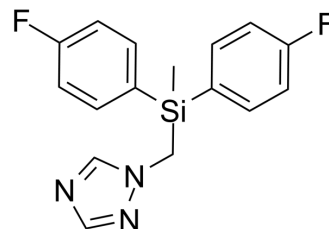


## Flusilazole

Cat. No.:	HY-B2012		
CAS No.:	85509-19-9		
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> F <sub>2</sub> N <sub>3</sub> 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)

Concentration	Solvent	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

- 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
- 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
- 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<sup>[1]</sup>.

### REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA