

Flumorph

Catalog No: tcsc3307



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

211867-47-9

Formula:

$C_{21}H_{22}FNO_4$

Pathway:

Anti-infection

Target:

Fungal

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

SYP-L190

Observed Molecular Weight:

371.4

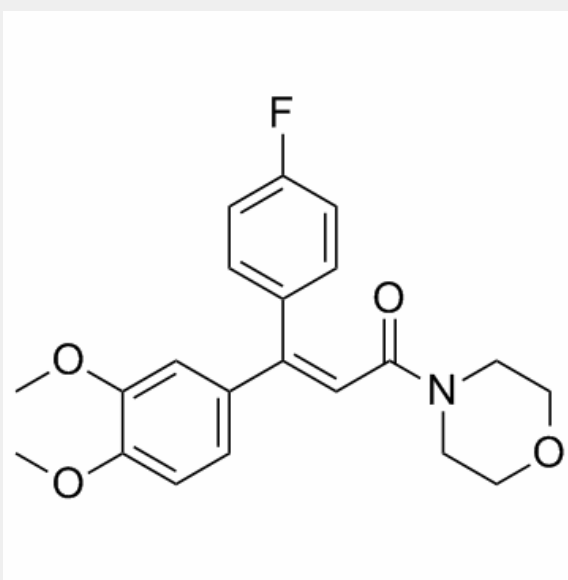
Product Description

Flumorph(SYP-L190) is a carboxylic acid amide (CAA) fungicide.

IC50 value:

Target: Fungicide agent

Flumorph did not inhibit the synthesis of cell wall materials, but disturbed the polar deposition of newly synthesized cell wall materials during cystospore germination and hyphal growth. In flumorph-treated hyphae, the most characteristic change was the development of periodic swelling ("beaded" morphology) and the disruption of tip growth. Upon removing flumorph, normal tip growth and organized F-actin were observed again [1]. Flumorph had induced systemic genotoxicity in mammals as it caused DNA damage in all tested vital organs, especially in brain and spleen [2].



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