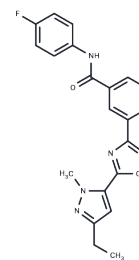


Antifungal agent 77

Chemical Properties

CAS No. :	2863678-89-9
Formula:	C ₂₁ H ₁₈ FN ₅ O ₂
Molecular Weight:	391.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Antifungal agent 77 (Compound 13h) exhibits both antifungal properties and effective insecticidal activity against <i>Mythimna separata</i> , <i>Helicoverpa armigera</i> , <i>Ostrinia nubilalis</i> , and <i>Spodoptera frugiperda</i> , with mortality rates of 30%, 25%, 40%, and 25% respectively at a concentration of 500 µg/mL. Additionally, it demonstrates toxicity in zebrafish embryos with an LC ₅₀ of 2.43 µg/mL [1].
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5549 mL	12.7747 mL	25.5493 mL
5 mM	0.511 mL	2.5549 mL	5.1099 mL
10 mM	0.2555 mL	1.2775 mL	2.5549 mL
50 mM	0.0511 mL	0.2555 mL	0.511 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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