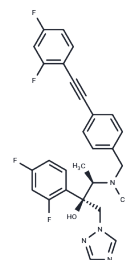


## Antifungal agent 122

## Chemical Properties

CAS No. :	3054212-80-2
Formula:	C <sub>28</sub> H <sub>24</sub> F <sub>4</sub> N <sub>4</sub> O
Molecular Weight:	508.51
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	Antifungalagent 122 (compound 201), a potent and broad-spectrum antifungal agent, prevents the phase shift in fungi and the formation of fungal biofilms. This compound effectively inhibits the enzymatic activity of CYP3A4-M and CYP3A4-T, with IC <sub>50</sub> values of 2.11 and 4.53 μM, respectively. Notably, Antifungalagent 122 exhibits no cytotoxicity.
Targets(IC <sub>50</sub> )	Antifungal,Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9665 mL	9.8326 mL	19.6653 mL
5 mM	0.3933 mL	1.9665 mL	3.9331 mL
10 mM	0.1967 mL	0.9833 mL	1.9665 mL
50 mM	0.0393 mL	0.1967 mL	0.3933 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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