

Cyclo(Arg-Pro) TFA

Chemical Properties

CAS No. :

Formula: C₁₃H₂₀F₃N₅O₄

Molecular Weight: 367.32

Keep away from moisture

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	Cyclo(Arg-Pro) TFA, also known as Cyclo(Pro-Arg) TFA, serves as an inhibitor of chitinase. This compound impedes the cell separation of <i>Saccharomyces cerevisiae</i> without affecting its growth. Additionally, Cyclo(Arg-Pro) TFA inhibits the morphological transition of <i>Candida albicans</i> from a yeast form to a filamentous form.
Targets(IC50)	Parasite,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7224 mL	13.6121 mL	27.2242 mL
5 mM	0.5445 mL	2.7224 mL	5.4448 mL
10 mM	0.2722 mL	1.3612 mL	2.7224 mL
50 mM	0.0544 mL	0.2722 mL	0.5445 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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