

Cyclo(Arg-Pro)

Chemical Properties

CAS No. : 181961-24-0

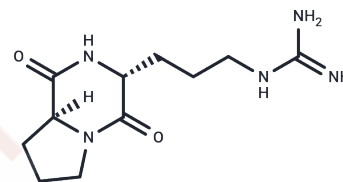
Formula: C₁₁H₁₉N₅O₂

Molecular Weight: 253.3

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) (Cyclo(Pro-Arg)), a chitinase inhibitor, prevents the cell separation of <i>Saccharomyces cerevisiae</i> without impacting its growth. Additionally, it restricts the morphological transformation of <i>Candida albicans</i> from its yeast form to a filamentous form [1].
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9479 mL	19.7394 mL	39.4789 mL
5 mM	0.7896 mL	3.9479 mL	7.8958 mL
10 mM	0.3948 mL	1.9739 mL	3.9479 mL
50 mM	0.079 mL	0.3948 mL	0.7896 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481