

Antifungal agent 115

Chemical Properties

CAS No. :

Formula: C₂₇H₃₀N₆O₆

Molecular Weight: 534.56

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 115 (compound 8n) is a non-competitive inhibitor of chitin synthase (CHS), displaying an IC ₅₀ of 93 μM. It exhibits both broad-spectrum antifungal activity and significant efficacy against resistant fungi. Antifungalagent 115 is useful for studies on fungal infections.
Targets(IC ₅₀)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8707 mL	9.3535 mL	18.707 mL
5 mM	0.3741 mL	1.8707 mL	3.7414 mL
10 mM	0.1871 mL	0.9353 mL	1.8707 mL
50 mM	0.0374 mL	0.1871 mL	0.3741 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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