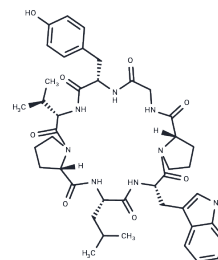


## Vaccarin C

## Chemical Properties

CAS No. :	177602-12-9
Formula:	C43H56N8O8
Molecular Weight:	812.953
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Vaccarin C (Compound VIII) is a cyclic heptapeptide with significant antifungal activity, demonstrating a MIC of 6 µg/mL against pathogenic fungi and dermatophytes <i>M. audouinii</i> and <i>T. mentagrophytes</i> . It also exhibits high cytotoxicity against Dalton's lymphoma ascites (DLA) and Ehrlich ascites carcinoma (EAC) cell lines, with CTC50 values of 3.35 and 5.72 µmol/L, respectively.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2301 mL	6.1504 mL	12.3009 mL
5 mM	0.246 mL	1.2301 mL	2.4602 mL
10 mM	0.123 mL	0.615 mL	1.2301 mL
50 mM	0.0246 mL	0.123 mL	0.246 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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