



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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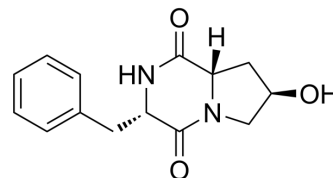
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## Cyclo(L-Phe-trans-4-OH-L-Pro)

Cat. No.:	HY-N12513	
CAS No.:	118477-06-8	
Molecular Formula:	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	
Molecular Weight:	260.29	
Target:	Fungal	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (384.19 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8419 mL	19.2093 mL	38.4187 mL
	5 mM	0.7684 mL	3.8419 mL	7.6837 mL
	10 mM	0.3842 mL	1.9209 mL	3.8419 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Cyclo(L-Phe-trans-4-OH-L-Pro) is an antifungal peptides<sup>[1]</sup>.

### REFERENCES

[1]. Katrin Ström, et al. *Lactobacillus plantarum* MiLAB 393 produces the antifungal cyclic dipeptides cyclo(L-Phe-L-Pro) and cyclo(L-Phe-trans-4-OH-L-Pro) and 3-phenyllactic acid. *Appl Environ Microbiol.* 2002 Sep;68(9):4322-7.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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