



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

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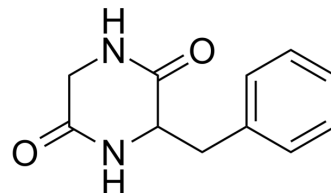
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Cyclo(Phe-Gly)

Cat. No.:	HY-W295873		
CAS No.:	5037-75-2		
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₂		
Molecular Weight:	204.23		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (24.48 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.8964 mL	24.4822 mL	48.9644 mL
	5 mM	0.9793 mL	4.8964 mL	9.7929 mL
	10 mM	0.4896 mL	2.4482 mL	4.8964 mL

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

BIOLOGICAL ACTIVITY

Description

Cyclo(Phe-Gly) is a cyclodipeptides with antimicrobial and anticancer activities, isolated from broth culture of endophytic *Streptomyces* YIM 64018 associated with *Paraboea sinensis*^[1].

REFERENCES

[1]. Xueqiong Yang, et al. A new cyclopeptide from endophytic *Streptomyces* sp. YIM 64018. *Nat Prod Commun.* 2013 Dec;8(12):1753-4.

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

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