



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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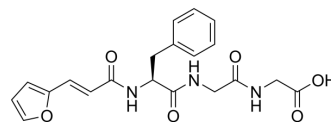
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N-[3-(2-Furyl)acryloyl]-Phe-Gly-Gly

Cat. No.:	HY-W010991
CAS No.:	64967-39-1
Molecular Formula:	C ₂₀ H ₂₁ N ₃ O ₆
Molecular Weight:	399.4
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (250.38 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5038 mL	12.5188 mL	25.0376 mL
	5 mM	0.5008 mL	2.5038 mL	5.0075 mL
	10 mM	0.2504 mL	1.2519 mL	2.5038 mL

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

BIOLOGICAL ACTIVITY

Description

N-[3-(2-Furyl)acryloyl]-Phe-Gly-Gly (FAPGG) is a synthetic chromogenic substrate for angiotensin converting enzyme (ACE) determination^[1].

REFERENCES

[1]. Hsu FL, et al. Both dioscorin, the tuber storage protein of yam (*Dioscorea alata* cv. Tainong No. 1), and its peptic hydrolysates exhibited angiotensin converting enzyme inhibitory activities. *J Agric Food Chem.* 2002 Oct 9;50(21):6109-13.

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

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