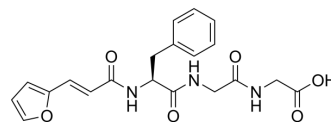


N-[3-(2-Furyl)acryloyl]-Phe-Gly-Gly

Cat. No.: HY-W010991
CAS No.: 64967-39-1
Molecular Formula: C₂₀H₂₁N₃O₆
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA