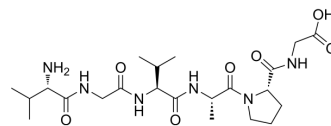


Chemotactic Domain of Elastin

Cat. No.:	HY-P4998
CAS No.:	92899-39-3
Molecular Formula:	C ₂₂ H ₃₈ N ₆ O ₇
Molecular Weight:	498.57
Sequence:	Val-Gly-Val-Ala-Pro-Gly
Sequence Shortening:	VGVPAG
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 27.5 mg/mL (55.16 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0057 mL	10.0287 mL	20.0574 mL
	5 mM	0.4011 mL	2.0057 mL	4.0115 mL
	10 mM	0.2006 mL	1.0029 mL	2.0057 mL

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

BIOLOGICAL ACTIVITY

Description

Chemotactic Domain of Elastin is an elastin-derived peptide with chemotactic effects on certain tumor cells, such as M27 tumor cells. Chemotactic Domain of Elastin can be used in cancer research^[1].

REFERENCES

[1]. Blood CH, et al. Identification of a tumor cell receptor for VGVPAG, an elastin-derived chemotactic peptide. J Cell Biol. 1988 Nov;107(5):1987-93.

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