

VnP-16

Cat. No.:	HY-P5929
Molecular Formula:	C ₈₂ H ₁₁₂ N ₂₀ O ₁₇
Molecular Weight:	1649.89
Sequence:	Arg-Val-Tyr-Phe-Phe-Lys-Gly-Lys-Gln-Tyr-Trp-Glu-NH ₂
Sequence Shortening:	RVYFFK GKQYWE-NH ₂
Target:	Integrin; FAK
Pathway:	Cytoskeleton; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

VnP-16 can promote bone formation by accelerating osteoblast differentiation and activity through direct interaction with β 1 integrin followed by FAK activation^[1].

REFERENCES

[1]. Min SK, et al. A vitronectin-derived peptide reverses ovariectomy-induced bone loss via regulation of osteoblast and osteoclast differentiation. *Cell Death Differ.* 2018;25(2):268-281.

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