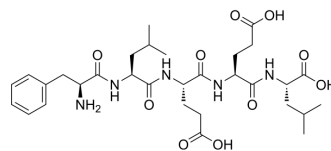


H-Phe-Leu-Glu-Glu-Leu-OH

Cat. No.:	HY-P4557
CAS No.:	69729-06-2
Molecular Formula:	C ₃₁ H ₄₇ N ₅ O ₁₀
Molecular Weight:	649.73
Sequence:	Phe-Leu-Glu-Glu-Leu
Sequence Shortening:	FLEEL
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

H-Phe-Leu-Glu-Glu-Leu-OH is a synthetic pentapeptide, which can be used as the substrate of vitamin K dependent carboxylase, and a glutamyl residue in the generated product is carboxylated^{[1][2]}.

REFERENCES

[1]. Rich DH, et al. Synthesis of peptide analogues of prothrombin precursor sequence 5-9. Substrate specificity of vitamin K dependent carboxylase. J Med Chem. 1981 Jun;24(6):706-11.

[2]. Rich DH, et al. Synthesis and biological properties of new hexapeptide substrates for vitamin K dependent carboxylase. Evidence for X-Pro cis/trans amide bond interconversions in prothrombin precursor fragment 18-23. J Med Chem. 1983 Jun;26(6):910-6.

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

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