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Saisir le nom du produit, le numéro de lot, etc.



F3261 ▶ **Sigma-Aldrich**

[Glu¹]-Fibrinopeptide B human

★★★★★ (0)

≥90% (HPLC)

Glu-Gly-Val-Asn-Asp-Asn-Glu-Gly-Phe-Phe-Ser-Ala-Arg

[Toutes les photos](#) (1)

Synonyme(s):

Fibrinopeptide B

Empirical Formula (Hill Notation):

C₆₆H₉₅N₁₉O₂₆

Numéro CAS:

103213-49-6

Poids moléculaire:

1570.57

Numéro MDL:

MFCD00076440

ID de substance PubChem:

329799697

NACRES:

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Select an option

Référence

F3261-1MG



0.1 MG

112,00 €



Date d'expédition estimée le 29 décembre 2022

—

1

+

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Documents

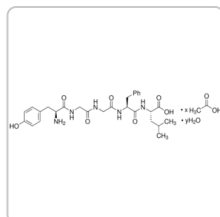
[↓ FDS](#)

[🔍 COO/COA](#)

[📄 Fiche des caractéristiques](#)

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PRODUITS RECOMMANDÉS



Sigma-Aldrich

L9133

Leucine Enkephalin acetate salt hydrate

≥95% (HPLC)

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**Source biologique**

human

Niveau de qualité

200

Essai/Dosage

≥90% (HPLC)

Forme

powder

technique(s)

LC/MS: suitable

electrophoresis: suitable

N° d'accession UniProt**P02675****Temp. de stockage**

-20°C

SMILES string

```
CC(C)[C@@H](NC(=O)CNC(=O)[C@@H](N)CCC(O)=O)C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CCC(O)=O)C(=O)NCC(=O)N[C@@H](Cc1ccccc1)C(=O)N[C@@H](Cc2ccccc2)C(=O)N[C@@H](CO)C(=O)N[C@@H](C)C(=O)N[C@@H](CCNC(N)=N)C(=O)O
```

InChI

```
1S/C66H95N19O26/c1-31(2)53(85-48(90)29-73-55(100)35(67)16-19-49(91)92)64(109)83-42(26-46(69)88)61(106)82-43(27-52(97)98)62(107)81-41(25-45(68)87)60(105)78-37(18-21-51(95)96)57(102)77-36(17-20-50(93)94)56(101)74-28-47(89)76-39(23-33-11-6-4-7-12-33)58(103)80-40(24-34-13-8-5-9-14-34)59(104)84-44(30-86)63(108)75-32(3)54(99)79-38(65(110)111)15-10-22-72-66(70)71/h4-9,11-14,31-32,35-44,53,86H,10,15-30,67H2,1-3H3,(H2,68,87)(H2,69,88)(H,73,100)(H,74,101)(H,75,108)(H,76,89)(H,77,102)(H,78,105)(H,79,99)(H,80,103)(H,81,107)(H,82,106)(H,83,109)(H,84,104)(H,85,90)(H,91,92)(H,93,94)(H,95,96)(H,97,98)(H,110,111)(H4,70,71,72)/t32-,35-,36-,37-,38-,39-,40-,41-,42-,43-,44-,53-/m0/s1
```

InChI key

KPBJTGOVJLITON-OECXYHNASA-N

Gene Informationhuman ... **FGB(2244)**

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DESCRIPTION

Amino Acid Sequence

Glu-Gly-Val-Asn-Asp-Asn-Glu-Glu-Gly-Phe-Phe-Ser-Ala-Arg

Description générale

Fibrinopeptide B (FPB) is produced during the cleavage of fibrinogen, by thrombin, to fibrin monomer. It is cleaved off from the N-terminal of the fibrinogen β chain. This peptide is composed of 14 amino acids.

Application

[Glu¹]-Fibrinopeptide B human has been used:

- during LC-MS to avoid cross-contamination and to analyze the performance of mass spectrometer and LC-instrument
- for two-point calibration during 2D (dimensional) gel electrophoresis and protein identification by mass spectrometry of histidine (his)-Pup (prokaryotic ubiquitin-like protein) isolated from *Mycobacterium smegmatis*
- for two-point calibration during one-dimensional gel electrophoresis and tandem mass spectrometry (MS) for the characterization of soluble protein sample obtained from the salivary gland homogenates of *Cimex lectularius*
- as a standard for the correction of mass drift in data obtained from MS and MS/MS performed on peptides obtained from trypsin-digestion of protein disulfide isomerase (PDI)

Actions biochimiques/physiologiques

Fibrin formation is an essential part in wound healing and inflammation. Fibrinopeptide B (FPB) can also cause chemotactic migration of neutrophils, without the simultaneous release of lysosome enzymes. It is produced during the coagulation of fibrinogen, which is essential for physiological homeostasis. It is involved in various disorders such as thrombosis and disseminated intravascular coagulation.

Autres remarques

Lyophilized from 0.1% TFA in H₂O

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13 - Non Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

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LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Supelco

14379

MS calibration solution

API; sodium iodide (2 µg/µL) and cesium iodide (50 ng/µL) in 50/50 2-propanol/water

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ARTICLES REVUS PAR DES PAIRS

Insight into the Sialome of the Bed Bug, *Cimex lectularius*.

Ivo M B Francischetti et al.

Journal of proteome research, 9(8), 3820-3831 (2010-05-06)

The evolution of insects to a blood diet leads to the development of a saliva that antagonizes their hosts' hemostasis and inflammation. Hemostasis and inflammation are redundant processes, and thus a complex salivary potion composed of dozens or near 100

Evolutionary descent of prion genes from the ZIP family of metal ion transporters.

Gerold Schmitt-Ulms et al.

PloS one, 4(9), e7208-e7208 (2009-09-29)

In the more than twenty years since its discovery, both the phylogenetic origin and cellular function of the prion protein (PrP) have remained enigmatic. Insights into a possible function of PrP may be obtained through the characterization of its molecular

Multisite rate control analysis identifies ribosomal scanning as the sole high-capacity/low-flux-control step in mRNA translation.

Helena Firczuk et al.

The FEBS journal, 287(5), 925-940 (2019-09-15)

Control of complex intracellular pathways such as protein synthesis is critical to organism survival, but is poorly understood. Translation of a reading frame in eukaryotic mRNA is preceded by a scanning process in which a subset of translation factors helps

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Journal of the American Society for Mass Spectrometry, 32(7), 1593-1600 (2021-04-02)

The novel severe respiratory syndrome-like coronavirus (SARS-CoV-2) causes COVID-19 in humans and is responsible for one of the most destructive pandemics of the last century. At the root of SARS-CoV infection is the interaction between the viral spike protein and

Towards a rational approach for heavy-atom derivative screening in protein crystallography.

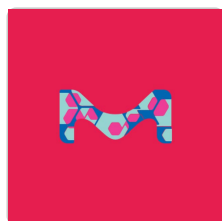
Johnson Agniswamy et al.

Acta crystallographica. Section D, Biological crystallography, 64(Pt 4), 354-367 (2008-04-09)

Heavy-atom derivatization is routinely used in protein structure determination and is thus of critical importance in structural biology. In order to replace the current trial-and-error heavy-atom derivative screening with a knowledge-based rational derivative-selection method, the reactivity of more than 40

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PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

F3256

Fetuin-Agarose

saline suspension

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Évaluations

★★★★★

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Questions

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