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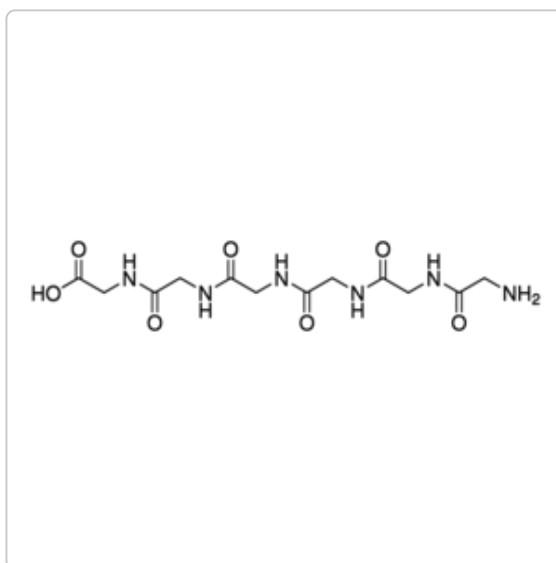
Saisir le nom du produit, le numéro de lot, etc.



G5630 ▶ **Sigma-Aldrich**

Gly-Gly-Gly-Gly-Gly

★★★★★ (0)



[Toutes les photos](#) (1)

Synonyme(s):

Hexaglycine

Empirical Formula (Hill Notation):

C₁₂H₂₀N₆O₇

Numéro CAS:

3887-13-6

Poids moléculaire:

360.32

Numéro MDL:

MFCD00083697

ID de substance PubChem:

24895220

NACRES:

NA.26

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G5630-100MG



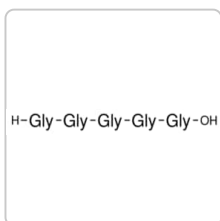
100 MG

99,00 €Disponible pour expédition le 10 octobre 2022 - [De](#)

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1

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Sigma-Aldrich

G5755**Gly-Gly-Gly-Gly-Gly**[Consulter le prix et la disponibilité](#)[<](#) 1 of 10 [>](#)

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solid

Niveau de qualité

200

Couleur

white

Pf

314.5 °C

application(s)

peptide synthesis

Temp. de stockage

-20°C

SMILES stringNCC(=O)NCC(=O)NCC(=O)NCC(=O)NCC(=O)NCC(O)=O**InChI**

1S/C12H20N6O7/c13-1-7(19)14-2-8(20)15-3-9(21)16-4-10(22)17-5-11(23)18-6-12(24)25/h1-6,13H2,(H,14,19)(H,15,20)(H,16,21)(H,17,22)(H,18,23)(H,24,25)

InChI key

XJFPXLWGZWAWRQ-UHFFFAOYSA-N

Catégories apparentées[Amino Acids](#)[Amino Acids, Resins & Reagents for Peptide Synthesis](#)**DESCRIPTION****Application**

Hexaglycine and capped hexaglycine are used in physicochemical studies of peptide structure dynamics. Hexaglycine is used as a model compound in development of peptide quantitation and separation methods.

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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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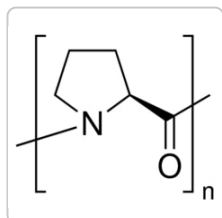
FDS



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LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

P2254

Poly-L-proline

mol wt 1,000-10,000

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ARTICLES REVUS PAR DES PAIRS

Peptide quantitation with methyl iodide isotopic tags and mass spectrometry.

Voislav Blagojevic et al.

The Analyst, 135(6), 1456-1460 (2010-05-26)

A novel method is presented for the quantitation of peptides based on their methylation by in vacuo chemical reaction with methyl iodide. Samples of two small peptides, hexaglycine and pentaalanine, were labeled with CH(3)I and CD(3)I, representing the "unknown" and

Aggregation of capped hexaglycine strands into hydrogen-bonding motifs representative of pleated and rippled β -sheets, collagen, and polyglycine I and II crystal structures. A density functional theory study.

Joshua A Plumley et al.

The journal of physical chemistry. B, 115(6), 1562-1570 (2011-01-26)

We compare the energies and enthalpies of inter-action of three- and seven-stranded capped polyglycine aggregates in both the pleated and rippled antiparallel and parallel β -sheet structures as well as the collagenic (three-strand) or polyglycine II-like (seven-strand) forms using density functional

The Influence of Mineral Matrices on the Thermal Behavior of Glycine.

Punam Dalai et al.

Origins of life and evolution of the biosphere : the journal of the International Society for the Study of the Origin of Life, 47(4), 427-452 (2016-10-21)

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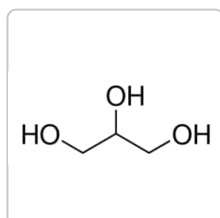
Loss of internal backbone carbonyls: additional evidence for sequence-scrambling in collision-induced dissociation of y-type ions.

Brett Harper et al.

Journal of the American Society for Mass Spectrometry, 25(10), 1716-1729 (2014-07-30)

It is shown that y-type ions, after losing C-terminal H₂O or NH₃, can lose an internal backbone carbonyl (CO) from different peptide positions and yield structurally different product fragment ions upon collision-induced dissociation (CID). Such CO losses from internal peptide

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

G5516

Glycerol

for molecular biology, ≥99.0%

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