

Fibrinogen-Binding Inhibitor Peptide

PRODUCT DESCRIPTION

Fibrinogen-Binding Inhibitor Peptide is a 12-amino-acid synthetic peptide. A synthetic peptide used as a research tool in biochemistry, pharmacology, and biomedical research. This peptide enables the study of protein-protein interactions, receptor binding, enzyme substrate specificity, and signal transduction pathways. Available in high purity ( $\geq 95\%$  by HPLC) as a lyophilized powder for reconstitution in appropriate buffers.

PRODUCT SPECIFICATIONS

|                   |                                      |
|-------------------|--------------------------------------|
| Catalog Number    | BPT0112                              |
| CAS Number        | 89105-94-2                           |
| Molecular Weight  | 1189.278 Da                          |
| Molecular Formula | C50H80N18O16                         |
| Purity            | Peak Area by HPLC $\geq 95\%$        |
| Form              | Lyophilized                          |
| Source            | Synthetic (Chemical Synthesis, SPPS) |
| Endotoxin         | N/A (Synthetic peptide)              |

AMINO ACID SEQUENCE

One-Letter Code:

HHLGGAKQAGDV

Three-Letter Code:

H-His-His-Leu-Gly-Gly-Ala-Lys-Gln-Ala-Gly-Asp-Val-OH

RESEARCH APPLICATIONS

|                  |                           |
|------------------|---------------------------|
| Application      | Biological activity       |
| Biomarker Target | Peptide Target            |
| Research Area    | Biomedical Research       |
| Sub-category     | Research Peptides & Tools |

STORAGE & HANDLING

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Storage Temperature  | -20 deg C                                             |
| Form                 | Lyophilized                                           |
| Stability            | Lyophilized product stable for 24 months at -20 deg C |
| Reconstitution       | Reconstitute in sterile water or appropriate buffer   |
| After Reconstitution | Aliquot and store at -20 to -80 deg C                 |
| Avoid                | Repeated freeze-thaw cycles                           |

AVAILABLE SIZES

|              |             |
|--------------|-------------|
| Size Options | 1 mg, 10 mg |
|--------------|-------------|

|                      |                                                      |
|----------------------|------------------------------------------------------|
| <b>Purity Method</b> | HPLC, Mass Spectrometry (MS)                         |
| <b>Identity</b>      | Confirmed by ESI-MS or MALDI-TOF                     |
| <b>Purity</b>        | Peak Area by HPLC >=95%                              |
| <b>Documentation</b> | Certificate of Analysis (CoA) available upon request |