

Laminin Pentapeptide YIGSR-NH2 Active Peptide

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CATALOG #
AAA60595

PRODUCT SYNONYMS

Laminin Pentapeptide YIGSR-NH2; Laminin Pentapeptide YIGSR-NH2 active peptide

PRODUCT SPECIFICATIONS

Form/Format	White amorphous powder
Compound	C ₂₆ H ₄₃ N ₉ O ₇
Optical Rotation	[alpha] 20/D -25.0° (c* 0.46, 1% AcOH) c value was calculated from the net peptide weight
Elemental Analysis	Found C, 48.77 ; H, 7.16 ; N, 17.03 %
Amino Acid Analysis	Acid Hydrolysis: 6M HCl, 110°C, 22h. Ser (1) 0.89 Gly (1) 1.00 Ile (1) 0.96 Tyr (1) 0.97 NH ₃ H(1)1.10 Arg (1) 1.00
Assay (AAA)	74%
Thin Layer Chromatography	Single spot Cellulose Layer Application: 50 ug Solvent System: n-BuOH:AcOH:H ₂ O:pyridine=15:3:12:10 n-BuOH:AcOH:H ₂ O=4:1:5 (upper phase)
Mass Spectral Analysis	Exhibits Correct MW
Preparation and Storage	Store at -20°C

ADDITIONAL INFORMATION

Related Product Information for Laminin Pentapeptide YIGSR-NH2 active peptide	Tyr-Ile-Gly-Ser-Arg-NH ₂ ; 2AcOH; 2H ₂ O (M.W. 593.68; 120.10; 36.03) C ₂₆ H ₄₃ N ₉ O ₇ ; 2CH ₃ COOH; 2H ₂ O Y. Iwamoto, F.A. Robey, J. Graf, M. Sasaki, H.K. Kleinman, Y. Yamada, and G.R. Martin, Science, 238, 1132 (1987). (Original)
Product Categories/Family for Laminin Pentapeptide YIGSR-NH2 active peptide	Biologically Active Peptide

NCBI AND UNIPROT INFORMATION

Molecular Weight	593.68
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.