



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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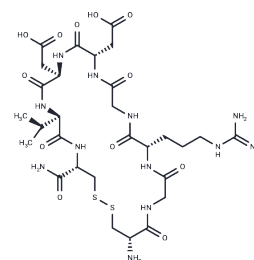
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LXW7

Chemical Properties

CAS No. : 1313004-77-1
 Formula: C₂₉H₄₈N₁₂O₁₂S₂
 Molecular Weight: 820.89
 Appearance: no data available
 Storage: keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LXW7 is an octamer disulfide cyclic peptide and $\alpha\text{v}\beta 3$ integrin ligand, acts as a potent and specific endothelial progenitor cells (EPCs) and endothelial cells (ECs) targeting ligand. LXW7 is a disulfide cyclic octa-peptide (cGRGDdvc) containing unnatural amino acids flanking both sides of the main functional motif.
Targets(IC ₅₀)	Integrin

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2182 mL	6.091 mL	12.1819 mL
5 mM	0.2436 mL	1.2182 mL	2.4364 mL
10 mM	0.1218 mL	0.6091 mL	1.2182 mL
50 mM	0.0244 mL	0.1218 mL	0.2436 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Hao D, et al. Discovery and Characterization of a Potent and Specific Peptide Ligand Targeting Endothelial Progenitor Cells and Endothelial Cells for Tissue Regeneration. ACS Chem Biol. 2017 Apr 21;12(4):1075-1086.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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