

Product Data Sheet

Product Name: LXW7
Cat. No.: GC36500

Chemical Properties

Cas. No. 1313004-77-1

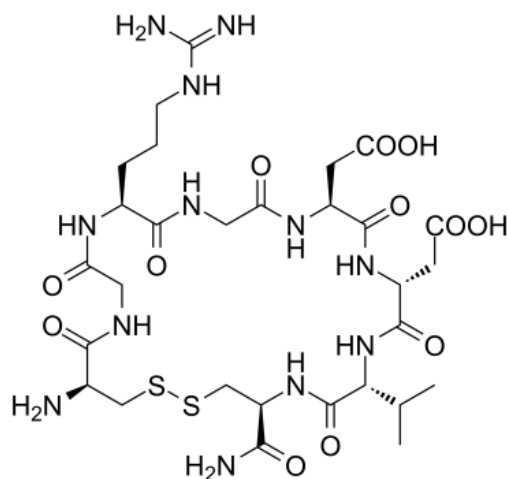
Formula $C_{29}H_{48}N_{12}O_{12}S_2$ M.Wt 820.89

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

LXW7 is an octamer disulfide cyclic peptide, also a $\alpha\beta3$ integrin ligand, acts as a potent and specific endothelial progenitor cells (EPCs) and endothelial cells (ECs) targeting ligand. LXW7 increases phosphorylation of VEGFR-2 and activation of ERK1/2[1]. $\alpha\beta3$ [1]

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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