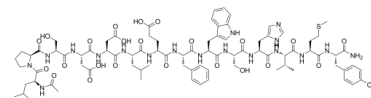


Data Sheet

Product Name:	Fz7-21S
Cat. No.:	CS-0906503
CAS No.:	2247635-24-9
Molecular Formula:	C ₈₃ H ₁₁₄ N ₁₈ O ₂₄ S
Molecular Weight:	1779.96
Target:	Wnt
Pathway:	Stem Cell/Wnt
Solubility:	10 mM in DMSO; 10 mM in DMSO



BIOLOGICAL ACTIVITY:

Fz7-21S is a negative control of Fz7-21. Fz7-21 is a potent peptide antagonist of FZD7 receptors^[1].

References:

- [1]. Aaron H Nile, et al. A selective peptide inhibitor of Frizzled 7 receptors disrupts intestinal stem cells. Nat Chem Biol. 2018 Jun;14(6):582-590.
- [2]. Nile AH, et, al. A selective peptide inhibitor of Frizzled 7 receptors disrupts intestinal stem cells. Nat Chem Biol. 2018 Jun;14(6):582-590.

CAIndexNames:

Ac-Leu-Pro-Ser-Asp-Asp-Leu-Glu-Phe-Trp-Ser-His-Val-Met-Tyr-NH₂

SMILES:

O=C([C@H]1N(CCC1)C([C@@H](NC(C)=O)CC(C)C)=O)N[C@@H](CO)C(N[C@@H](CC(O)=O)C(N[C@@H](CC(O)=O)C(N[C@@H](CC(C)C)C(N[C@@H](CCC(O)=O)C(N[C@@H](CC2=CC=CC=C2)C(N[C@@H](C(N[C@@H](CO)C(N[C@@H](C(N[C@@H](C(C)C)C(N[C@@H](CCSC)C(N[C@@H](C(N)=O)CC3=CC=C(C=C3)O)=O)=O)CC4=CN=CN4)=O)=O)CC5=CNC6=CC=CC=C56)=O)=O)=O)=O)=O)=O

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

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