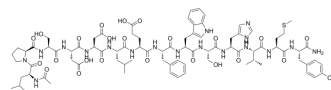


Fz7-21S

Cat. No.: HY-P1454B
CAS No.: 2247635-24-9
Molecular Formula: C₈₃H₁₁₄N₁₈O₂₄S
Molecular Weight: 1779.96
Sequence: Ac-Leu-Pro-Ser-Asp-Asp-Leu-Glu-Phe-Trp-Ser-His-Val-Met-Tyr-NH₂
Sequence Shortening: Ac-LPSSDLEFWSHVMY-NH₂
Target: Wnt
Pathway: Stem Cell/Wnt
Storage: Sealed storage, away from moisture and light



Powder -80°C 2 years
 -20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (56.18 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.5618 mL	2.8091 mL	5.6181 mL
5 mM	0.1124 mL	0.5618 mL	1.1236 mL
10 mM	0.0562 mL	0.2809 mL	0.5618 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

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.

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

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