

Fz7-21 TFA (2247635-23-8 free base)

## Chemical Properties

CAS No. :

Formula: C<sub>85</sub>H<sub>115</sub>N<sub>18</sub>F<sub>30</sub>O<sub>25</sub>S<sub>2</sub>

Molecular Weight: 1910.07

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Fz7-21 TFA ((Ac)-LPSDDLEFWCHVMY-NH <sub>2</sub> TFA), a peptide antagonist of Frizzled 7 (FZD 7) receptors, selectively binds to FZD7 CRD subclass. The EC <sub>50</sub> values are 58 and 34 nM for human and mouse FZD7 CRD, respectively.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5235 mL	2.6177 mL	5.2354 mL
5 mM	0.1047 mL	0.5235 mL	1.0471 mL
10 mM	0.0524 mL	0.2618 mL	0.5235 mL
50 mM	0.0105 mL	0.0524 mL	0.1047 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Nile AH, et al. Publisher Correction: A selective peptide inhibitor of Frizzled 7 receptors disrupts intestinal stem cells. Nat Chem Biol. 2018 Sep;14(9):902.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481