

Foxy-5 TFA(881188-51-8 free base)

Chemical Properties

CAS No. :

Formula: C28H43F3N6O14S2

Molecular Weight: 808.8

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	Foxy-5 is a peptide that mimics the WNT5A protein and is expected to reduce the mobility of the cancer cells. Foxy-5 triggers cytosolic free calcium signaling without affecting β -catenin activation and it impairs the migration and invasion of epithelial cancer cells[1][2][3].
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Solubility Information

Solubility	H2O: 20 mg/mL (24.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2364 mL	6.182 mL	12.364 mL
5 mM	0.2473 mL	1.2364 mL	2.4728 mL
10 mM	0.1236 mL	0.6182 mL	1.2364 mL
50 mM	0.0247 mL	0.1236 mL	0.2473 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

Canesin G, et al. Treatment with the WNT5A-mimicking peptide Foxy-5 effectively reduces the metastatic spread of WNT5A-low prostate cancer cells in an orthotopic mouse model. PLoS One. 2017 Sep 8;12(9):e0184418.

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