

NLS-StAx-h

Chemical Properties

CAS No. :

Formula: C161H275N55O29

Molecular Weight: 3445.26

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	Wnt inhibitor (IC50 = 1.4 μ M). Stapled peptide inhibitor of oncogenic Wnt signaling. Inhibits β -catenin-transcription factor interactions. Inhibits proliferation and migration of colorectal cancer cells. Cell permeable.
Targets(IC50)	Wnt/beta-catenin

Solubility Information

Solubility H2O: 1 mg/mL (0.29 mM),Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2903 mL	1.4513 mL	2.9025 mL
5 mM	0.0581 mL	0.2903 mL	0.5805 mL
10 mM	0.029 mL	0.1451 mL	0.2903 mL
50 mM	0.0058 mL	0.029 mL	0.0581 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

Dietrich et al (2017) Cell permeable stapled peptide inhibitor of Wnt signaling that targets beta -catenin protein-protein Interactions. Cell Chem.Biol. 24 958 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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