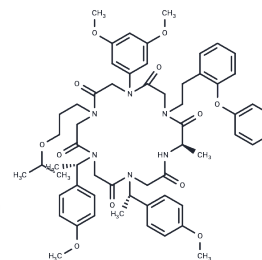


## β-catenin inhibitory peptoid

### Chemical Properties

CAS No. :	2579070-02-1
Formula:	C59H72N6O12
Molecular Weight:	1057.24
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	β-catenin inhibitory peptoid (compound 13) disrupts the interaction between β-catenin and TCF with an IC <sub>50</sub> of 5.44 μM. It inhibits Wnt signaling in prostate cancer cell lines (IC <sub>50</sub> = 0.105 μM) and androgen receptor (AR) signaling (IC <sub>50</sub> = 1.02 μM). This compound significantly reduces cell proliferation in prostate cancer cell lines.
Targets(IC <sub>50</sub> )	Androgen Receptor, Wnt/beta-catenin

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9459 mL	4.7293 mL	9.4586 mL
5 mM	0.1892 mL	0.9459 mL	1.8917 mL
10 mM	0.0946 mL	0.4729 mL	0.9459 mL
50 mM	0.0189 mL	0.0946 mL	0.1892 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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