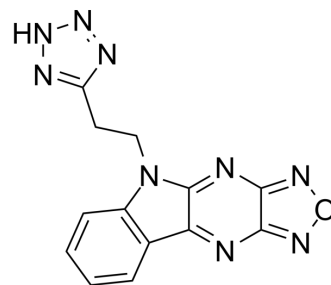


β-catenin-IN-37

Cat. No.:	HY-115543		
CAS No.:	1783856-40-5		
Molecular Formula:	C ₁₃ H ₉ N ₉ O		
Molecular Weight:	307.27		
Target:	β-catenin		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (325.45 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.2545 mL	16.2723 mL	32.5447 mL
5 mM	0.6509 mL	3.2545 mL	6.5089 mL
10 mM	0.3254 mL	1.6272 mL	3.2545 mL

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

BIOLOGICAL ACTIVITY

Description

β-catenin-IN-37 is a selective β-Catenin/T-cell factor protein-protein interaction (β-catenin/Tcf PPI) inhibitor. β-catenin-IN-37 inhibits canonical Wnt signaling and the growth of colorectal cancer cells SW480 and HCT116 with the IC₅₀ values of 20 μM and 31 μM, respectively^[1].

IC₅₀ & Target

β-catenin-IN-37 inhibits SW480 and HCT116 with the IC₅₀ values of 20 μM and 31 μM, respectively.

In Vitro

β-catenin-IN-37 displays K_i values of 17 μM and 18 μM for β-catenin/Tcf PPI in FP assay and in AlphaScreen assay, respectively^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Catrow JL, et al. Discovery of Selective Small-Molecule Inhibitors for the β-Catenin/T-Cell Factor Protein-Protein Interaction through the Optimization of the Acyl

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA