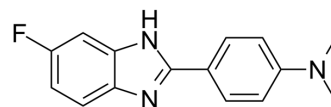


## β-catenin-IN-2

Cat. No.:	HY-136464		
CAS No.:	1458664-10-2		
Molecular Formula:	C <sub>15</sub> H <sub>14</sub> FN <sub>3</sub>		
Molecular Weight:	255.29		
Target:	β-catenin		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (326.41 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.9171 mL	19.5856 mL	39.1711 mL
				5 mM	0.7834 mL	3.9171 mL	7.8342 mL
10 mM				0.3917 mL	1.9586 mL	3.9171 mL	
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (8.15 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	β-catenin-IN-2 is a potent β-catenin inhibitor, compound H1B1, extracted from patent US20150374662A1. β-catenin-IN-2 can be used for the study of colorectal cancer <sup>[1]</sup> .
In Vitro	β-catenin-IN-2 (10-40 μM) suppresses the transcriptional activity of the β-catenin/Tcf-4 in a dose-dependent manner in HCT116 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Aging (Albany NY). 2021 Jul 28;13(14):19064-19076.

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## REFERENCES

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[1]. Ann Marie Bode, et al. Inhibitors of beta-catenin in treatment of colorectal cancer. Patent US20150374662A1.

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

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