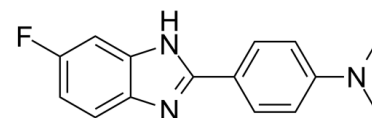


Data Sheet

Product Name:	β-catenin-IN-2
Cat. No.:	CS-0129699
CAS No.:	1458664-10-2
Molecular Formula:	C ₁₅ H ₁₄ FN ₃
Molecular Weight:	255.29
Target:	β-catenin
Pathway:	Stem Cell/Wnt
Solubility:	DMSO : 83.33 mg/mL (326.41 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

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^[1]. **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^[1].

References:

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

CAIndexNames:

Benzenamine, 4-(6-fluoro-1H-benzimidazol-2-yl)-N,N-dimethyl-

SMILES:

CN(C)C1=CC=C(C2=NC3=CC=C(F)C=C3N2)C=C1

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

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