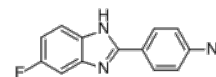


Product Name : HI-B1
Cat. No. : PC-20582
CAS No. : 1458664-10-2
Molecular Formula : C₁₅H₁₄FN₃
Molecular Weight : 255.30
Target : Beta-catenin
Solubility : 10 mM in DMSO



CAS: 1458664-10-2

Biological Activity

HI-B1 is a small molecule inhibitor of β -catenin/TCF4 interaction, directly targets β -catenin and disrupts β -catenin/TCF4 complex formation.

HI-B1 suppresses growth of several types of colon cancer cells (DLD1, CACO2 and HCT116), but did not affect the H838 lung cancer cell line, preferentially kills cancer cells in which β -catenin is critical for survival.

HI-B1 directly binds with β -catenin and disrupts the β -catenin/TCF4 interaction

HI-B1 (50 mg/kg, oral) inhibits β -catenin-driven tumorigenesis in PDX colon cancer models.

References

Seung Ho Shin, et al. EBioMedicine. 2017 Nov;25:22-31.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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