

**Product Name** :  $\beta$ -catenin-IN-37

**Synonyms** : —

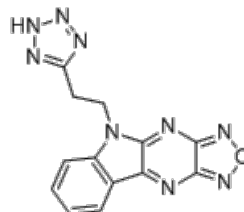
**Cat No.** : M12685

**CAS Number** : 1783856-40-5

**Molecular Formula** : C<sub>13</sub>H<sub>9</sub>N<sub>9</sub>O

**Formula Weight** : 307.28

**Chemical Name** : 5-(2-(2H-Tetrazol-5-yl)ethyl)-5H-[1,2,5]oxadiazolo[3',4':5,6]-pyrazino[2,3-b]indole



**Description** :  $\beta$ -catenin-IN-37 is a novel potent, and selective small-molecule inhibitor for the  $\beta$ -catenin/Tcf4 protein-protein interaction with  $K_i$  of 17  $\mu$ M; suppresses canonical Wnt signaling, downregulates the expression of Wnt target genes; inhibits the growth of Wnt-activated cancer cells with the IC<sub>50</sub> values of 26  $\mu$ M and 31  $\mu$ M for SW480 and HCT116 cells, respectively.

**Pathway** : Wnt/Notch/Hedgehog

**Target** : Beta-catenin

**Receptor** : Beta-catenin

**Solubility** : —

**SMILES** : —

**Storage** : (-20°C)

**Stability** :  $\geq 2$  years

**Reference** :

1. Catrow JL, et al. J Med Chem. 2015 Jun 11;58(11):4678-92.