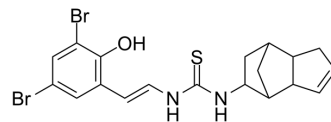


## β-catenin-IN-3

Cat. No.:	HY-147007
CAS No.:	1005288-15-2
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> Br <sub>2</sub> N <sub>2</sub> OS
Molecular Weight:	484.25
Target:	β-catenin; Wnt
Pathway:	Stem Cell/Wnt
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

<b>Description</b>	β-catenin-IN-3 (compound C2) is a potent and selective β-catenin inhibitor with a K <sub>D</sub> value of 54.96 nM. β-catenin-IN-3 acts by targeting a cryptic allosteric modulation site of β-catenin. β-catenin-IN-3 can significantly reduce viability of β-catenin-driven cancer cells <sup>[1]</sup> .
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<b>IC<sub>50</sub> &amp; Target</b>	K <sub>D</sub> : 54.96 nM (β-catenin) <sup>[1]</sup>
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### REFERENCES

[1]. Cheltsov A, et al. Allosteric inhibitor of β-catenin selectively targets oncogenic Wnt signaling in colon cancer. *Sci Rep.* 2020;10(1):8096. Published 2020 May 15.

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

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