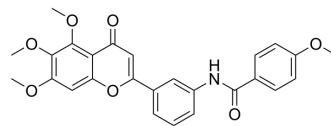


Wnt/ β -catenin-IN-3

Cat. No.:	HY-158210
CAS No.:	1809413-98-6
Molecular Formula:	C ₂₆ H ₂₃ NO ₇
Molecular Weight:	461.46
Target:	Wnt; β -catenin; MDM-2/p53
Pathway:	Stem Cell/Wnt; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Wnt/ β -catenin-IN-3 (compound 17) is a Wnt/ β -catenin inhibitor with low micromolar GI ₅₀ s against various cancer cells. Wnt/ β -catenin-IN-3 triggers G2/M cell cycle arrest through activation of p53-p21 pathway as well as intrinsic and extrinsic apoptotic death of colon cancer cells ^[1] .
In Vitro	Wnt/ β -catenin-IN-3 (0.5-2 μ M, 48 h) induces apoptosis in HCT116 cells in a dose-dependent manner and causes G2/M cell cycle arrest through activation of p53-p21 pathway ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hassan AHE, et al. Discovery of a stilbenoid-flavanone hybrid as an antitumor Wnt/ β -catenin signaling pathway inhibitor. *Bioorg Chem.* 2024 Apr;145:107178.

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

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