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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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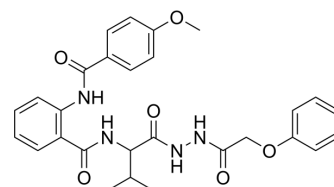
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Wnt/ β -catenin-IN-2

Cat. No.:	HY-160709
CAS No.:	1397006-01-7
Molecular Formula:	C ₂₈ H ₃₀ N ₄ O ₆
Molecular Weight:	518.56
Target:	Wnt; β -catenin
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Wnt/ β -catenin-IN-2 (Compound 3235-0367) is a Wnt/ β -catenin signaling pathway inhibitor, with IC ₅₀ and K _D values of 7.1 and 2.5 μ M, respectively. Wnt/ β -catenin-IN-2 can be used for the research of cancer ^[1] .
In Vitro	Wnt/ β -catenin-IN-2 (0-40 μ M, 12-16 h) inhibits Wnt3a-induced β -signaling at the low micromolar range dose-dependently in 3T3 cells treated with Wnt3a ^[1] . Wnt/ β -catenin-IN-2 (10 μ M, 3 h) inhibits LRP6 phosphorylation induced by Wnt signaling in HEK293T cells treated with Wnt3a ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lee HJ, et al. Structure-based Discovery of Novel Small Molecule Wnt Signaling Inhibitors by Targeting the Cysteine-rich Domain of Frizzled. J Biol Chem. 2015 Dec 18;290(51):30596-606.

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

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