



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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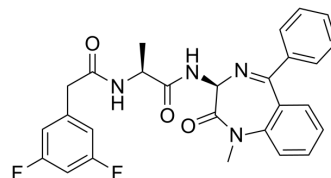
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Compound E (GMP)

Cat. No.:	HY-14176G
CAS No.:	209986-17-4
Molecular Formula:	C ₂₇ H ₂₄ F ₂ N ₄ O ₃
Molecular Weight:	490.5
Target:	γ-secretase
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Compound E (GMP) is a GMP-grade Compound E (HY-14176). GMP-grade small molecules can be used as adjuvant reagents in cell therapy. Compound E is a γ-secretase inhibitor. Compound E inhibits β-amyloid(40), β-amyloid(42), and Notch γ-secretase cleavage with IC₅₀ values of 0.24, 0.37, and 0.32 nM, respectively^{[1][2]}.

CUSTOMER VALIDATION

- Nat Commun. 2022 Jul 18;13(1):4148.
- Chem Eng J. 1 January 2023, 138737.
- Sci Adv. 2022 Feb 25;8(8):eabk1826.
- Cell Rep. 2021 Dec 7;37(10):110102.
- Fundamental Research. 2024 Mar 19.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Behr D, et al. Pharmacological knock-down of the presenilin 1 heterodimer by a novel γ-secretase inhibitor: implications for presenilin biology[J]. Journal of Biological Chemistry, 2001, 276(48): 45394-45402.

[2]. Rasul S, et al. Inhibition of γ-secretase induces G2/M arrest and triggers apoptosis in breast cancer cells[J]. British journal of cancer, 2009, 100(12): 1879-1888.

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

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