



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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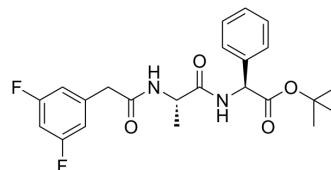
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DAPT (GMP)

| | |
|---------------------------|---|
| Cat. No.: | HY-13027G |
| CAS No.: | 208255-80-5 |
| Molecular Formula: | C ₂₃ H ₂₆ F ₂ N ₂ O ₄ |
| Molecular Weight: | 432.46 |
| 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 | DAPT (GSI-IX) (GMP) is DAPT (HY-13027) produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture. DAPT is a potent and orally active γ-secretase inhibitor ^{[1][2]} . |
| In Vitro | DAPT (GMP) (9 d) induces human induced pluripotent stem cells develop into expandable myoblasts ^[1] . DAPT (GMP) (13 d) induces human pluripotent stem cells (hPSCs) develop into functional neurons ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

CUSTOMER VALIDATION

- Science. 2022 Dec 2;378(6623):eabo5503.
- Nat Biotechnol. 2023 Jan 16.
- Mil Med Res. 2020 Sep 6;7(1):42.
- Nat Commun. 2023 Oct 20;14(1):6669.
- Neuro Oncol. 2023 Apr 21;noad079.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Choi IY, et al. Concordant but Varied Phenotypes among Duchenne Muscular Dystrophy Patient-Specific Myoblasts Derived using a Human iPSC-Based Model. Cell Rep. 2016 Jun 7;15(10):2301-2312.

[2]. Qi Y, et al. Combined small-molecule inhibition accelerates the derivation of functional cortical neurons from human pluripotent stem cells. Nat Biotechnol. 2017 Feb;35(2):154-163.

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

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