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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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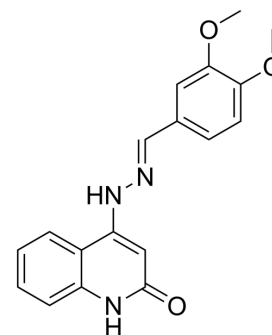
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GSK-3 β inhibitor 16

Cat. No.:	HY-161458
Molecular Formula:	C ₁₈ H ₁₇ N ₃ O ₃
Molecular Weight:	323.35
Target:	GSK-3; Tau Protein
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GSK-3 β inhibitor 16 (compound 7c) is a GSK-3 β inhibitor with the IC₅₀ of 4.68 nM. GSK-3 β inhibitor 16 decreases Tau hyperphosphorylated aggregate and alleviates cognitive impairments in the Scopolamin (HY-N0296)-induced model in mice [1].

REFERENCES

[1]. Abdo Moustafa E, et al. Discovery of novel quinolin-2-one derivatives as potential GSK-3 β inhibitors for treatment of Alzheimer's disease: Pharmacophore-based design, preliminary SAR, in vitro and in vivo biological evaluation. *Bioorg Chem.* 2024;146:107324.

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

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