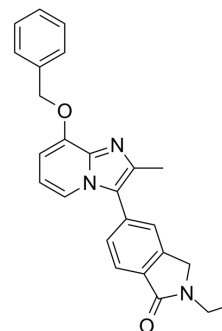


γ-Secretase modulator 12

Cat. No.:	HY-146151
CAS No.:	2204249-82-9
Molecular Formula:	C ₂₅ H ₂₃ N ₃ O ₂
Molecular Weight:	397.47
Target:	γ-secretase; Amyloid-β
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

γ-Secretase modulator 12 (Compound 1a) is a γ-secretase modulator that can selectively decrease amyloid-β₄₂ (Aβ₄₂) levels (IC₅₀ of 0.39 μM). γ-Secretase modulator 12 can be used for Alzheimer's disease research. γ-Secretase modulator 12 has a good brain/plasma ratio (K_p, brain = 0.72) in mice^[1].

REFERENCES

[1]. Ryuichi Sekioka, et al. Discovery of N-ethylpyridine-2-carboxamide derivatives as a novel scaffold for orally active γ-secretase modulators. *Bioorg Med Chem.* 2020 Jan 1;28(1):115132.

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

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