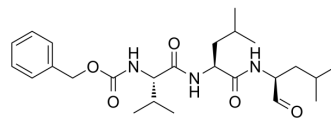


β-Secretase Inhibitor II

Cat. No.:	HY-136736
CAS No.:	263563-09-3
Molecular Formula:	C ₂₅ H ₃₉ N ₃ O ₅
Molecular Weight:	461.59
Target:	Beta-secretase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-Secretase Inhibitor II is a β-Secretase inhibitor. β-Secretase Inhibitor II is a simple tripeptide aldehyde (IC ₅₀ =700 nM for inhibition of total Aβ and IC ₅₀ =2.5 μM for Aβ ₁₋₄₂). β-Secretase Inhibitor II can be used for the research of Alzheimer's disease [1].
IC ₅₀ & Target	IC ₅₀ : 700 nM (Aβ) ^[1] . IC ₅₀ : 2.5 μM (Aβ ₁₋₄₂) ^[1]
In Vitro	β-Secretase Inhibitor II is a simple tripeptide aldehyde (IC ₅₀ =700 nM for inhibition of total Aβ and IC ₅₀ =2.5 μM for Aβ ₁₋₄₂). β-Secretase Inhibitor II inhibits the formation of both total Aβ and Aβ ₁₋₄₂ in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Abbenante, G., et al. Inhibitors of β-Amyloid Formation Based on the β-Secretase Cleavage Site. *Biochemical and Biophysical Research Communications*. 2000; 268(1), 133-135.

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

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