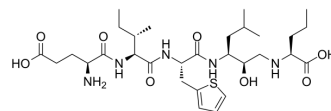


BACE1-IN-11

Cat. No.:	HY-151348
CAS No.:	1803952-77-3
Molecular Formula:	C ₃₀ H ₅₁ N ₅ O ₈ S
Molecular Weight:	641.82
Target:	Beta-secretase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BACE1-IN-11 is a BACE1 inhibitor. BACE1-IN-11 has the BACE1 inhibitory activity with an IC ₅₀ value of 72 μM. BACE1-IN-11 can be used for the research of Alzheimer's disease (AD) [1].
IC ₅₀ & Target	BACE1 72 μM (IC ₅₀)
In Vitro	BACE1-IN-11(compound 1) has the BACE1 inhibitory activity with an IC ₅₀ value of 72 μM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Takuya Otani, et al. Macrocyclic BACE1 inhibitors with hydrophobic cross-linked structures: Optimization of ring size and ring structure. Bioorg Med Chem. 2021 Dec 15;52:116517.

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

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