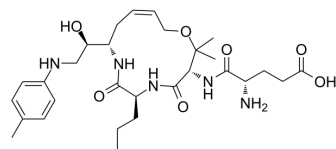


BACE1-IN-8

Cat. No.:	HY-144739
Molecular Formula:	C ₂₉ H ₄₅ N ₅ O ₇
Molecular Weight:	575.7
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-8 (compound 70b) is a potent BACE1 (β-site APP cleaving enzyme 1) inhibitor, with an IC ₅₀ of 3.9 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 3.9 μM (rBACE1) ^[1]

REFERENCES

[1]. Otani T, Hattori Y, Akaji K, Kobayashi K. 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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