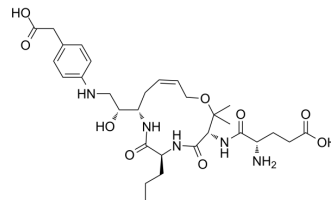


BACE1-IN-9

Cat. No.:	HY-144741
CAS No.:	2872604-91-4
Molecular Formula:	C ₃₀ H ₄₅ N ₅ O ₉
Molecular Weight:	619.71
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-9 (compound 82b) is a potent BACE1 (β-site APP cleaving enzyme 1) inhibitor, with an IC ₅₀ of 1.2 μM ^[1] .
IC ₅₀ & Target	BACE1

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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