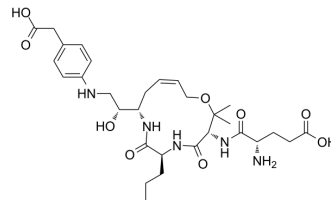


## BACE1-IN-9

Cat. No.:	HY-144741
Molecular Formula:	C <sub>30</sub> H <sub>45</sub> N <sub>5</sub> O <sub>9</sub>
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 <sub>50</sub> of 1.2 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.2 μM (rBACE1) <sup>[1]</sup>

### 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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