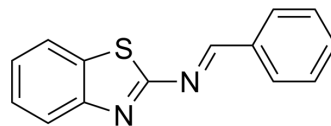


A β -IN-7

Cat. No.:	HY-149582
Molecular Formula:	C ₁₄ H ₁₀ N ₂ S
Molecular Weight:	238.31
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

A β -IN-7 (compound 5a) is a potent inhibitor of the A β aggregation. A β -IN-7 with 50 μ M stabilize A β monomers in the small oligomeric species and prolong the nucleation process. A β -IN-7 inhibits A β fibril formation better than A β -IN-8 (HY-149583) in 50 μ M^[1].

REFERENCES

[1]. Mohammad Hossein Asgarshamsi, et al. Synthesis of Some Benzothiazole Derivatives Based on 3-Hydroxypyridine-4-one and Benzaldehyde and Evaluation of Their β -Amyloid Aggregation Inhibition Using both Experimental Methods and Molecular Dynamic Simulation. Chem Biodivers. 2023 Sep 10:e202301113.

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

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