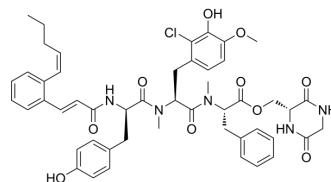


Pepticcinnamin E

Cat. No.:	HY-124205
CAS No.:	147317-36-0
Molecular Formula:	C ₄₉ H ₅₄ ClN ₅ O ₁₀
Molecular Weight:	908.43
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pepticcinnamin E is a Farnesyltransferase (FTase) inhibitor (IC ₅₀ =42 μM). Pepticcinnamin E can be used in cancer and malaria research ^{[1][2]} .
IC ₅₀ & Target	IC ₅₀ : 42 μM (Farnesyltransferase) ^[1] .

REFERENCES

- [1]. Hinterding K, et al. Synthesis and In Vitro Evaluation of the Ras Farnesyltransferase Inhibitor Pepticcinnamin E. *Angew Chem Int Ed Engl.* 1998 May 18;37(9):1236-1239.
- [2]. Santa Maria KC, et al. Targeted Rediscovery and Biosynthesis of the Farnesyl-Transferase Inhibitor Pepticcinnamin E. *Chembiochem.* 2019 Jun 3;20(11):1387-1393.

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

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