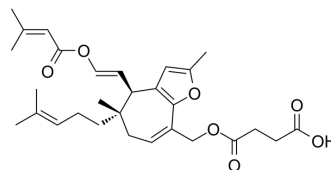


HSP90-IN-19

Cat. No.:	HY-152028
CAS No.:	2927442-48-4
Molecular Formula:	C ₂₉ H ₃₈ O ₇
Molecular Weight:	498.61
Target:	HSP
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HSP90-IN-19 is an effective heat shock protein 90 (Hsp90) inhibitor. HSP90-IN-19 has effective Hsp90 inhibitory activity with an IC ₅₀ value of 0.27 μM. HSP90-IN-19 can be used for the research of viral infection, neurodegenerative disease, and inflammation ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.27 μM (Hsp90); ∅40 μM (MCF-7); ∅40 μM (SW480); ∅40 μM (A549); 16.95 μM (HL60); ∅40 μM (SMMC-7721) ^[1]
In Vitro	HSP90-IN-19 has effective Hsp90 inhibitory activity with an IC ₅₀ value of 0.27 μM ^[1] . HSP90-IN-19 (40, 8, 1.6, 0.32, 0.064 μM; 48 h) has antiproliferative activity against MCF-7, SW480, A549, HL60 and SMMC-7721 with IC ₅₀ values of ∅40 μM, ∅40 μM, ∅40 μM, 16.95 μM and ∅40 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Meng Li, et al. Design, synthesis and biological evaluation of a new class of Hsp90 inhibitors vibsantin C derivatives. Eur J Med Chem. 2022 Dec 15;244:114844.

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

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