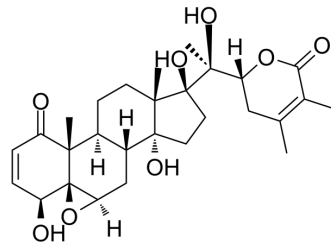


4β-Hydroxywithanolide E

Cat. No.:	HY-N7661
CAS No.:	54334-04-2
Molecular Formula:	C ₂₈ H ₃₈ O ₈
Molecular Weight:	502.6
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4β-Hydroxywithanolide E, isolated from *Physalis peruviana* L., inhibits adipocyte differentiation of 3T3-L1 cells through modulation of mitotic clonal expansion. 4β-Hydroxywithanolide E is an adipogenesis inhibitor and inhibits PPAR γ , C/EBP α , and the adipocyte-specific molecule aP2 mRNA expression^[1].

REFERENCES

[1]. Momochika Kumagai, et al. 4β-Hydroxywithanolide E and withanolide E from *Physalis peruviana* L. inhibit adipocyte differentiation of 3T3-L1 cells through modulation of mitotic clonal expansion. *J Nat Med.* 2021 Jan;75(1):232-239.

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

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