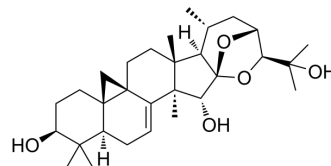


7,8-Didehydrocimigenol

Cat. No.:	HY-N10047
CAS No.:	150972-72-8
Molecular Formula:	C ₃₀ H ₄₆ O ₅
Molecular Weight:	486.68
Target:	NF-κB; PPAR
Pathway:	NF-κB; Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

7,8-Didehydrocimigenol is an active triterpenoid that can be isolated from Cimicifugae rhizoma. 7,8-Didehydrocimigenol inhibits TNF-α-induced VCAM-1 expression, inhibits NF-κB activity and phosphorylation of ERK1/2 and Akt, increases PPAR-γ expression. 7,8-Didehydrocimigenol can be used for the research of cardiovascular disorders such as atherosclerosis^[1].

REFERENCES

[1]. Mun L, et al. 7,8-didehydrocimigenol from Cimicifugae rhizoma inhibits TNF-α-induced VCAM-1 but not ICAM-1 expression through upregulation of PPAR-γ in human endothelial cells. Food Chem Toxicol. 2011 Jan;49(1):166-72.

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

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