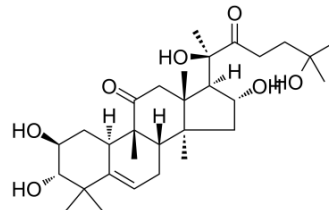


Cucurbitacin IIb

Cat. No.:	HY-N1987
CAS No.:	50298-90-3
Molecular Formula:	C ₃₀ H ₄₈ O ₇
Molecular Weight:	520.7
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Cucurbitacin IIb is an active component isolated from *Hemsleya amabilis*, induces **apoptosis** with anti-inflammatory activity. Cucurbitacin IIb inhibits phosphorylation of STAT3, JNK and Erk1/2, enhances the phosphorylation of IκB and NF-κB (p65), blocks nuclear translocation of NF-κB (p65) and decreases mRNA levels of IκBα and TNF-α^[1].

REFERENCES

[1]. Wang Y, et al. Cucurbitacin IIb exhibits anti-inflammatory activity through modulating multiple cellular behaviors of mouse lymphocytes. PLoS One. 2014 Feb 25;9(2):e89751.

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

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