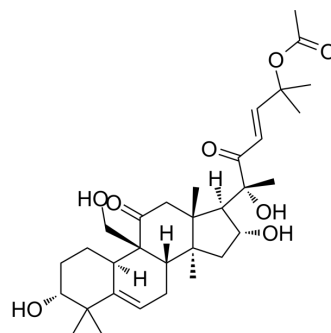


Cucurbitacin C

Cat. No.:	HY-N9968
CAS No.:	5988-76-1
Molecular Formula:	C ₃₂ H ₄₈ O ₈
Molecular Weight:	560.72
Target:	Akt; Apoptosis
Pathway:	PI3K/Akt/mTOR; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cucurbitacin C is a triterpenoid calabinoid that can be isolated from Cucurbitaceae plants. Cucurbitacin C has anti-cancer activity in vivo and in vitro. Cucurbitacin C can induce cell cycle arrest in G1 or G2/M phase and apoptosis by inhibiting Akt signaling^[1].

REFERENCES

[1]. Wu D, et al. In Vitro and In Vivo Antitumor Activity of Cucurbitacin C, a Novel Natural Product From Cucumber. *Front Pharmacol.* 2019 Nov 8;10:1287.

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

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