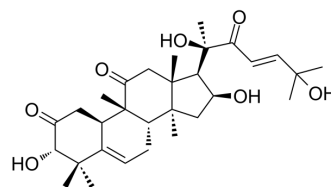


Isocucurbitacin D

Cat. No.:	HY-N11082
CAS No.:	68422-20-8
Molecular Formula:	C ₃₀ H ₄₄ O ₇
Molecular Weight:	516.67
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Isocucurbitacin D is an antitumor agent ^[1] .	
In Vitro	Isocucurbitacin D inhibits tumor cell growth with ED ₅₀ s of 0.06, 0.2, 0.6, 0.8 and 1.2 µg/mL against SK-MEL-2, A549, XF498, HCT15 and SK-OV-3 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay ^[1]	
	Cell Line:	MCF-7, MDA MB 231, A2780, A2780 CP, HepG2 and HCT-116 cells
	Concentration:	0-100 µM
	Incubation Time:	48 h
	Result:	Inhibited cell proliferation with IC ₅₀ s of 12.0, 30.7, 37.8, 47.9, >100 and >100 µM against MDA MB 231, HCT-116, HepG2, MCF-7, A2780 and A2780 CP, respectively.

REFERENCES

[1]. Ryu S Y, et al. Antitumor activity of Trichosanthes kirilowii. Archives of Pharmacal Research, 1994, 17: 348-353.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA