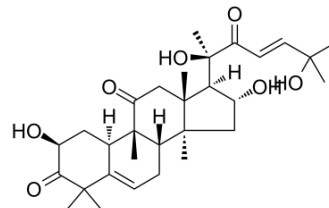


Cucurbitacin D

Cat. No.:	HY-N1986
CAS No.:	3877-86-9
Molecular Formula:	C ₃₀ H ₄₄ O ₇
Molecular Weight:	516.67
Target:	HSP
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Cucurbitacin D is an active component in Cucurbita texana, disrupts interactions between Hsp90 and two co-chaperones, Cdc37 and p23. Cucurbitacin D prevents Hsp90 client (Her2, Raf, Cdk6, pAkt) maturation without induction of the heat shock response. Anti-cancer activity ^[1] .
IC ₅₀ & Target	HSP90

REFERENCES

[1]. Hall JA, et al. Cucurbitacin D Is a Disruptor of the HSP90 Chaperone Machinery. J Nat Prod. 2015 Apr 24;78(4):873-9.

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

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