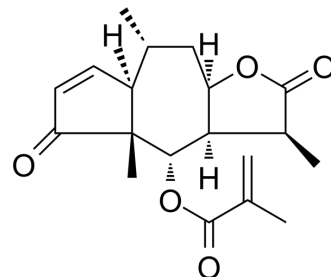


Arnicolide D

Cat. No.:	HY-N6843
CAS No.:	34532-68-8
Molecular Formula:	C ₁₉ H ₂₄ O ₅
Molecular Weight:	332.39
Target:	Caspase; PI3K; Akt; mTOR; STAT
Pathway:	Apoptosis; PI3K/Akt/mTOR; JAK/STAT Signaling; Stem Cell/Wnt
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Arnicolide D is a sesquiterpene lactone isolated from <i>Centipeda minima</i> . Arnicolide D modulates the cell cycle, activates the caspase signaling pathway and inhibits the PI3K/AKT/mTOR and STAT3 signaling pathways. Arnicolide D inhibits Nasopharyngeal carcinoma (NPC) cell viability in a concentration- and time-dependent manner ^[1] .			
IC₅₀ & Target	Caspase	PI3K	Akt	mTOR
	STAT3			

REFERENCES

[1]. Liu R, et al. Arnicolide D, from the herb *Centipeda minima*, Is a Therapeutic Candidate against Nasopharyngeal Carcinoma. *Molecules*. 2019 May 17;24(10).

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

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