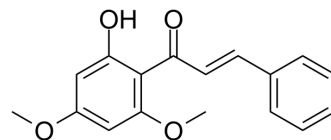


Flavokawain B

Cat. No.:	HY-N2132
CAS No.:	1775-97-9
Molecular Formula:	C ₁₇ H ₁₆ O ₄
Molecular Weight:	284.31
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (17.59 mM); ultrasonic and warming and heat to 60°C)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	3.5173 mL	17.5864 mL	35.1729 mL	
5 mM	0.7035 mL	3.5173 mL	7.0346 mL	
10 mM	0.3517 mL	1.7586 mL	3.5173 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Flavokawain B (Flavokavain B) is a chalcone isolated from the root extracts of kava-kava plant and a potent apoptosis inducer for inhibiting the growth of various cancer cell lines. Flavokawain B (Flavokavain B) shows strong antiangiogenic activity. Flavokawain B (Flavokavain B) inhibits human brain endothelial cell (HUVEC) migration and tube formation with very low and non-toxic concentrations^{[1][2]}.

CUSTOMER VALIDATION

- Phytomedicine. 2023 Sep 7, 155074.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Rossette MC, et al. The In Vitro and In Vivo Antiangiogenic Effects of Flavokawain B. *Phytother Res.* 2017 Oct;31(10):1607-1613.

[2]. Li X, et al. Flavokawain B targets protein neddylation for enhancing the anti-prostate cancer effect of Bortezomib via Skp2 degradation. *Cell Commun Signal.* 2019 Mar 18;17(1):25.

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