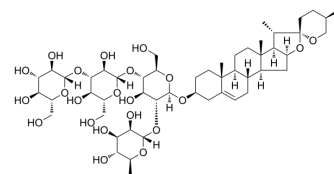


Zingiberen Newsaponin

Cat. No.:	HY-N2282
CAS No.:	91653-50-8
Molecular Formula:	C ₅₁ H ₈₂ O ₂₂
Molecular Weight:	1047.18
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (95.49 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.9549 mL	4.7747 mL	9.5495 mL
5 mM	0.1910 mL	0.9549 mL	1.9099 mL
10 mM	0.0955 mL	0.4775 mL	0.9549 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.39 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.39 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Zingiberen Newsaponin is extracted from isolated from *Dioscorea zingiberensis*. Zingiberen Newsaponin exhibits induction effect on platelet aggregation^[1].

REFERENCES

- [1]. Wang JJ, et al. Study on steroidal saponins from *Dioscorea zingiberensis* and their platelet aggregation activities. *Zhongguo Zhong Yao Za Zhi*. 2014 Oct;39(19):3782-7.

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