



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

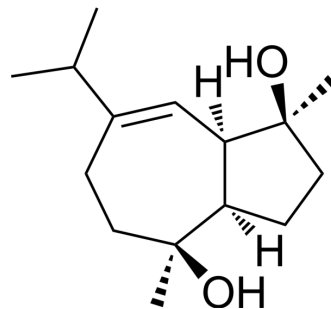
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 1 $\alpha$ H,5 $\alpha$ H-Guaia-6-ene-4 $\beta$ ,10 $\beta$ -diol

Cat. No.:	HY-N5081
CAS No.:	2013537-81-8
Molecular Formula:	C <sub>15</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	238.37
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (209.76 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	4.1952 mL	20.9758 mL	41.9516 mL
				5 mM	0.8390 mL	4.1952 mL	8.3903 mL
				10 mM	0.4195 mL	2.0976 mL	4.1952 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: $\geq$ 1.25 mg/mL (5.24 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	1 $\alpha$ H,5 $\alpha$ H-Guaia-6-ene-4 $\beta$ ,10 $\beta$ -diol is a sesquiterpenoid derivative identified from <i>Alisma orientale</i> . 1 $\alpha$ H,5 $\alpha$ H-Guaia-6-ene-4 $\beta$ ,10 $\beta$ -diol has anti-cancer activities <sup>[1]</sup> .
In Vitro	1 $\alpha$ H,5 $\alpha$ H-Guaia-6-ene-4 $\beta$ ,10 $\beta$ -diol has anti-cancer activities. 1 $\alpha$ H,5 $\alpha$ H-Guaia-6-ene-4 $\beta$ ,10 $\beta$ -diol is against H460, MCF-7, and PC-7 with IC <sub>50</sub> s of 56.7 $\mu$ M, 76.7 $\mu$ M, and 59.0 $\mu$ M, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Qingjuan Ma, et al. Structures and biological activities of the triterpenoids and sesquiterpenoids from *Alisma orientale*. *Phytochemistry*

---

**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](mailto:tech@MedChemExpress.com)

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