



# 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

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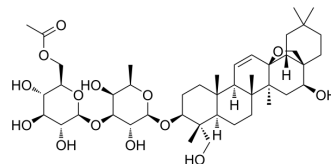
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## 6''-O-Acetylsaikosaponin A

Cat. No.:	HY-N7613
CAS No.:	64340-46-1
Molecular Formula:	C <sub>44</sub> H <sub>70</sub> O <sub>14</sub>
Molecular Weight:	823.02
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 : 100 mg/mL (121.50 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.2150 mL	6.0752 mL	12.1504 mL
	5 mM	0.2430 mL	1.2150 mL	2.4301 mL
	10 mM	0.1215 mL	0.6075 mL	1.2150 mL

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

### BIOLOGICAL ACTIVITY

#### Description

6''-O-Acetylsaikosaponin A, an acetyl saikosaponin isolated from the roots of *Bupleurum chinense*, shows some osteoclast-inhibiting activities<sup>[1]</sup>.

#### In Vitro

The major bioactive compounds isolated from *R. bupleuri* are saikosaponins, which have been proved to possess significant biological activities, including anti-hepatitis, anti-inflammatory, anti-tumor and immunoregulatory effects<sup>[2]</sup>.  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Yu JQ, et al. Osteoclast-inhibiting saikosaponin derivatives from *Bupleurum chinense*. *Fitoterapia*. 2013;85:101-108.

[2]. Huang HQ, et al. Fast determination of saikosaponins in *Bupleurum* by rapid resolution liquid chromatography with evaporative light scattering detection. *J Pharm Biomed Anal*. 2009;49(4):1048-1055.

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

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