



# 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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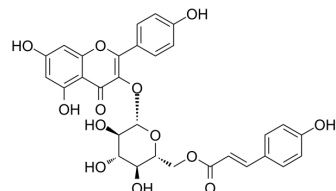
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## Tribuloside

Cat. No.:	HY-N2443
CAS No.:	22153-44-2
Molecular Formula:	C <sub>30</sub> H <sub>26</sub> O <sub>13</sub>
Molecular Weight:	594.52
Target:	Bacterial
Pathway:	Anti-infection
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (210.25 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6820 mL	8.4101 mL	16.8203 mL
				5 mM	0.3364 mL	1.6820 mL	3.3641 mL
				10 mM	0.1682 mL	0.8410 mL	1.6820 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.21 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Tribuloside is a flavonoid that can be isolated from <i>Tribulus terrestris</i> L <sup>[1]</sup> . Tribuloside exhibits anti-mycobacterial activity against the non-pathogenic <i>Mycobacterium</i> species with a minimum inhibitory concentration (MIC) of 5.0 mg/mL. Tribuloside has 1,1-diphenyl-2-picrylhydrazyl radical scavenging activity <sup>[2]</sup> .
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### REFERENCES

- [1]. Christopher R, et al. A new cinnamoyl glycoflavonoid, antimycobacterial and antioxidant constituents from *Heritiera littoralis* leaf extracts. *Nat Prod Res.* 2014;28(6):351-8.
- [2]. Yinlin Cao, et al. Medicine composition with total tribuloside possessing effect similar to female bormone and its prepn process. Patent CN1706469A

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

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