



# 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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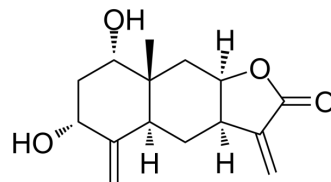
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## Granilin

Cat. No.:	HY-N9357
CAS No.:	40737-97-1
Molecular Formula:	C <sub>15</sub> H <sub>20</sub> O <sub>4</sub>
Molecular Weight:	264.32
Target:	Bacterial; Fungal
Pathway:	Anti-infection
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 (378.33 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		3.7833 mL	18.9165 mL	37.8329 mL
	5 mM		0.7567 mL	3.7833 mL	7.5666 mL
	10 mM		0.3783 mL	1.8916 mL	3.7833 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Granilin, a sesquiterpene lactone, can be found in the flower buds of *Carpesium triste*. Granilin can be used as the bactericide and fungicide<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Bacterial<sup>[1]</sup>, Fungal<sup>[1]</sup>

### REFERENCES

[1]. Liu, et, al. A New Sesquiterpenoid from the Flower Buds of *Carpesium triste*. CHEM NAT COMPD+, 2015, 51(4)(-):681-683.

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

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