



# 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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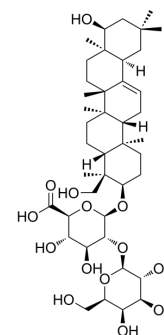
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## Soyasaponin III

|                           |  |
|---------------------------|--|
| <b>Cat. No.:</b>          | HY-N7273   |
| <b>CAS No.:</b>           | 55304-02-4   |
| <b>Molecular Formula:</b> | C <sub>42</sub> H <sub>68</sub> O <sub>14</sub>  |
| <b>Molecular Weight:</b>  | 796.98   |
| <b>Target:</b>            | Apoptosis  |
| <b>Pathway:</b>           | Apoptosis  |
| <b>Storage:</b>           | 4°C, protect from light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (62.74 mM; Need ultrasonic)

| Solvent                   | Mass  | Concentration |           |            |
|---------------------------|-------|---------------|-----------|------------|
|                           |       | 1 mg          | 5 mg      | 10 mg      |
| Preparing Stock Solutions | 1 mM  | 1.2547 mL     | 6.2737 mL | 12.5474 mL |
|                           | 5 mM  | 0.2509 mL     | 1.2547 mL | 2.5095 mL  |
|                           | 10 mM | 0.1255 mL     | 0.6274 mL | 1.2547 mL  |

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

### BIOLOGICAL ACTIVITY

#### Description

Soyasaponin III, a monodesmodic oleanane triterpenoid, is one of the main potentially bioactive saponins found in soy (Glycine max) and related products. Soyasaponin III can induce apoptosis in Hep-G2 cells<sup>[1]</sup>.

### REFERENCES

[1]. Zhang W, et al. Group B oleanane triterpenoid extract containing soyasaponins I and III from soy flour induces apoptosis in Hep-G2 cells. J Agric Food Chem. 2010 May 12;58(9):5315-9.

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

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