



SZABO SCANDIC

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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

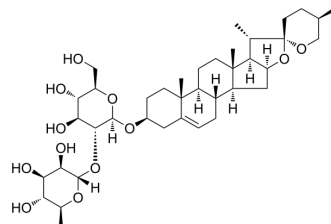
mail@szabo-scandic.com

www.szabo-scandic.com

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

Prosapogenin A

| | |
|---------------------------|--|
| Cat. No.: | HY-N6940 |
| CAS No.: | 19057-67-1 |
| Molecular Formula: | C ₃₉ H ₆₂ O ₁₂ |
| Molecular Weight: | 722.9 |
| Target: | Apoptosis |
| Pathway: | Apoptosis |
| 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 (138.33 mM; Need ultrasonic) | | | | | |
| | Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
| | | 1 mM | | 1.3833 mL | 6.9166 mL | 13.8332 mL |
| | | 5 mM | | 0.2767 mL | 1.3833 mL | 2.7666 mL |
| | | 10 mM | | 0.1383 mL | 0.6917 mL | 1.3833 mL |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | <ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (3.46 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.46 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.46 mM); Clear solution | | | | | |

BIOLOGICAL ACTIVITY

| | |
|--------------------|---|
| Description | Prosapogenin A, a natural product from Veratrum, induces apoptosis in human cancer cells in vitro via inhibition of the STAT3 signaling pathway and glycolysis ^[1] . |
|--------------------|---|

REFERENCES

[1]. Wang TX, et al. Prosapogenin A induces apoptosis in human cancer cells in vitro via inhibition of the STAT3 signaling pathway and glycolysis. Oncol Lett. 2013 Nov;6(5):1323-1328.

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

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