



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

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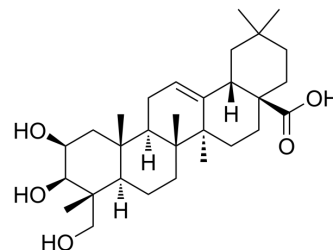
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Bayogenin

Cat. No.:	HY-N1932
CAS No.:	6989-24-8
Molecular Formula:	C ₃₀ H ₄₈ O ₅
Molecular Weight:	488.7
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.12 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.12 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Bayogenin is an alfalfa saponin, shows moderate potency of glycogen phosphorylase inhibition^{[1][2]}.

REFERENCES

- [1]. Kielbasa A, et al. Isolation and determination of saponin hydrolysis products from *Medicago sativa* using supercritical fluid extraction, solid-phase extraction and liquid chromatography with evaporative light scattering detection. *J Sep Sci.* 2019 Jan;42(2):465-474.
- [2]. Xiao-AnWEN, et al. Synthesis and Biological Evaluation of Arjunolic Acid, Bayogenin, Hederagonic Acid and 4-Epi-hederagonic Acid as Glycogen Phosphorylase Inhibitors. *Chinese Journal of Natural Medicines.* 2010 Nov;8(6): 441-448.

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

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