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

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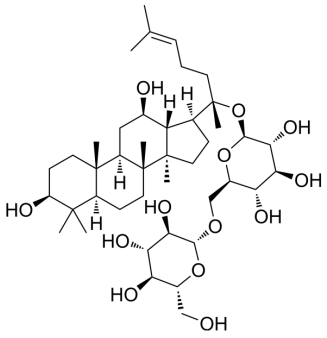
Gypenoside LXXV

Cat. No.:	HY-N7678
CAS No.:	110261-98-8
Molecular Formula:	$C_{42}H_{72}O_{13}$
Molecular Weight:	785.01
Target:	Others
Pathway:	Others
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 (127.39 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.2739 mL	6.3693 mL	12.7387 mL
	5 mM	0.2548 mL	1.2739 mL	2.5477 mL
	10 mM	0.1274 mL	0.6369 mL	1.2739 mL

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

BIOLOGICAL ACTIVITY

Description

Gypenoside LXXV, isolated from Gynostemma pentaphyllum, is one of the deglycosylated shapes of ginsenoside Rb1. Gypenoside LXXV significantly reduces cancer cell viability and displays an anti-cancer effect[1].

In Vitro

Gypenoside LXXV (1.0-100 μM; for 48 hours) reduces proliferation in a dose-dependent manner[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Cell Viability Assay[1]

Cell Line:	Three cancer cell lines (HeLa (cervical cancer cell line), B16 (melanoma cell line), and MDA-MB231 (human breast cancer cell line)
Concentration:	1.0-100 μM
Incubation Time:	For 48 hours
Result:	Reduced proliferation in a dose-dependent manner and inhibited almost all cancer cells at 50 μM.

CUSTOMER VALIDATION

- Phytother Res. 2022 Nov 3.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Chang-Hao Cui, et al. Enhanced Production of Gypenoside LXXV Using a Novel Ginsenoside-Transforming β-Glucosidase from Ginseng-Cultivating Soil Bacteria and Its Anti-Cancer Property. Molecules. 2017 May 19;22(5):844.

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