



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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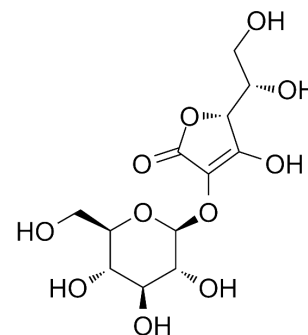
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2-O-β-D-Glucopyranosyl-L-ascorbic acid

Cat. No.:	HY-N6958
CAS No.:	562043-82-7
Molecular Formula:	C ₁₂ H ₁₈ O ₁₁
Molecular Weight:	338.26
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

H₂O : ≥ 250 mg/mL (739.08 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9563 mL	14.7815 mL	29.5631 mL
	5 mM	0.5913 mL	2.9563 mL	5.9126 mL
	10 mM	0.2956 mL	1.4782 mL	2.9563 mL

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

In Vivo

1. Add each solvent one by one: PBS
Solubility: 100 mg/mL (295.63 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

2-O-β-D-Glucopyranosyl-L-ascorbic acid (AA-2βG), isolated from *Lycium chinense*, is a stable vitamin C analog with anti-tumor activity^[1].

CUSTOMER VALIDATION

- Food Chem. 2022: 134807.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zhang Z, et al. Selective suppression of cervical cancer Hela cells by 2-O- β -D-glucopyranosyl-L-ascorbic acid isolated from the fruit of *Lycium barbarum* L. *Cell Biol Toxicol.* 2011 Apr;27(2):107-21.

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

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