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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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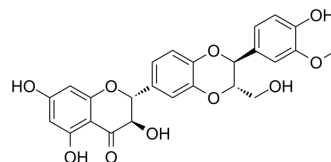
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Isosilybin B

Cat. No.:	HY-N7045
CAS No.:	142796-22-3
Molecular Formula:	C ₂₅ H ₂₂ O ₁₀
Molecular Weight:	482.44
Target:	Androgen Receptor; Apoptosis
Pathway:	Vitamin D Related/Nuclear Receptor; Apoptosis
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description

Isosilybin B, a flavonolignan isolated from *Silybum marianum*, has anti-prostate cancer (PCA) activity via inhibiting proliferation and inducing G1 phase arrest and apoptosis. Isosilybin B causes androgen receptor (AR) degradation^{[1][2]}.

CUSTOMER VALIDATION

- Chem Biol Interact. 2022: 110250.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Deep G, et al. Isosilybin B and isosilybin A inhibit growth, induce G1 arrest and cause apoptosis in human prostatecancer LNCaP and 22Rv1 cells. *Carcinogenesis*. 2007 Jul;28(7):1533-42.

[2]. Deep G, et al. Isosilybin B causes androgen receptor degradation in human prostate carcinoma cells via PI3K-Akt-Mdm2-mediated pathway. *Oncogene*. 2008 Jun 26;27(28):3986-98.

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

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