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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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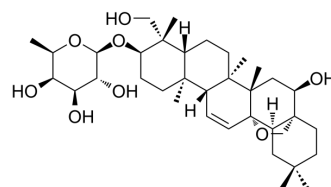
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Prosaikogenin F

Cat. No.:	HY-N7666
CAS No.:	99365-20-5
Molecular Formula:	C ₃₆ H ₅₈ O ₈
Molecular Weight:	618.84
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Prosaikogenin F is a monoglycoside with anticancer and hemolytic properties ^{[1][2]} .
In Vitro	Prosaikogenin F inhibits A549 proliferation with inhibition rates of 40.53%, 92.62% and 93.07% at concentrations of 20, 40 and 60 µg/mL, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	In mice, intraperitoneal administration of Saikosaponin A and its intestinal metabolite, Prosaikogenin F, show corticosterone secretion-inducing activity at a dose of 0.1 mmol/kg, and maximally increase it at a dose of 0.4 mmol/kg ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lu Shi, et al. A Potential Anti-cancer Compound Separated from the Chloroform Extract of the Chinese Medicine Formula Shenqi San. *Curr Med Sci.* 2020 Feb;40(1):138-144.
- [2]. M Nose, S Amagaya, et al. Effects of saikosaponin metabolites on the hemolysis of red blood cells and their adsorbability on the cell membrane. *Chem Pharm Bull (Tokyo)*. 1989 Dec;37(12):3306-10.
- [3]. M Nose, et al. Corticosterone secretion-inducing activity of saikosaponin metabolites formed in the alimentary tract. *Chem Pharm Bull (Tokyo)*. 1989 Oct;37(10):2736-40.

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

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