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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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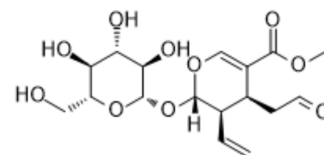
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Secologanin

Cat. No.:	HY-125598		
CAS No.:	19351-63-4		
Molecular Formula:	C ₁₇ H ₂₄ O ₁₀		
Molecular Weight:	388.37		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Secologanin, a secoiridoid glucoside, is a pivotal terpenoid intermediate in the biosynthesis of biologically active monoterpenoid indole alkaloids such as reserpine, ajmaline, and vinblastine. Secologanin synthase (cytochrome P450 isoform CYP72A1) catalyzes the oxidative cleavage of loganin into Secologanin^{[1][2]}.

REFERENCES

[1]. Inoue K. Yakugaku Zasshi. 2005;125(1):31-49. doi:10.1248/yakushi.125.31

[2]. Irmiler S, et al. Indole alkaloid biosynthesis in *Catharanthus roseus*: new enzyme activities and identification of cytochrome P450 CYP72A1 as secologanin synthase. *Plant J.* 2000;24(6):797-804.

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

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