



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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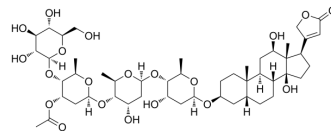
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Lanatoside C (Standard)

Cat. No.:	HY-B1030R
CAS No.:	17575-22-3
Molecular Formula:	C ₄₉ H ₇₆ O ₂₀
Molecular Weight:	985.12
Target:	Autophagy; Dengue virus; Enterovirus; Flavivirus
Pathway:	Autophagy; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lanatoside C (Standard) is the analytical standard of Lanatoside C. This product is intended for research and analytical applications. Lanatoside C is a cardiac glycoside, can be used in the treatment of congestive heart failure and cardiac arrhythmia. Lanatoside C has an IC₅₀ of 0.19 μM for dengue virus infection in HuH-7 cells. Lanatoside C can effectively inhibit all four serotypes of dengue virus, flavivirus Kunjin, alphavirus Chikungunya, Sindbis virus and the human enterovirus 71^[1] [2].

REFERENCES

[1]. Crommentuijn MH, et al. Intracranial AAV-sTRAIL combined with lanatoside C prolongs survival in an orthotopic xenograft mouse model of invasive glioblastoma. *Mol Oncol.* 2015 Dec 11. pii: S1574-7891(15)00226-4.

[2]. Cheung YY, et al. Antiviral activity of lanatoside C against dengue virus infection. *Antiviral Res.* 2014 Nov;111:93-99.

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

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