



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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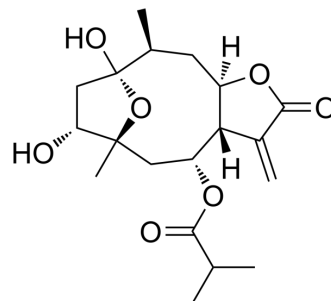
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Tagitinin A

Cat. No.:	HY-N1185
CAS No.:	59979-61-2
Molecular Formula:	C ₁₉ H ₂₈ O ₇
Molecular Weight:	368.42
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

DMSO : 20 mg/mL (54.29 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7143 mL	13.5715 mL	27.1429 mL
	5 mM	0.5429 mL	2.7143 mL	5.4286 mL
	10 mM	0.2714 mL	1.3571 mL	2.7143 mL

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

BIOLOGICAL ACTIVITY

Description

Tagitinin A is a sesquiterpene with anti-hyperglycemic activity. Tagitinin A significantly inhibits glucose uptake in differentiated 3T3-L1 adipocytes^[1].

IC₅₀ & Target

Glucose uptake

REFERENCES

[1]. Zhao G, et al. Three new sesquiterpenes from *Tithonia diversifolia* and their anti-hyperglycemic activity. *Fitoterapia*. 2012 Dec;83(8):1590-7.

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

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