



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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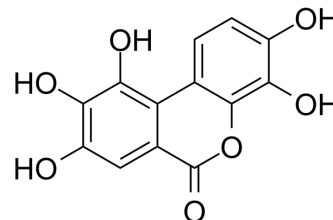
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Urolithin M5

Cat. No.:	HY-N7922	
CAS No.:	91485-02-8	
Molecular Formula:	C ₁₃ H ₈ O ₇	
Molecular Weight:	276.2	
Target:	Influenza Virus	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 20 mg/mL (72.41 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6206 mL	18.1028 mL	36.2056 mL
	5 mM	0.7241 mL	3.6206 mL	7.2411 mL
	10 mM	0.3621 mL	1.8103 mL	3.6206 mL

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

BIOLOGICAL ACTIVITY

Description

Urolithin M5 is a neuraminidase inhibitor that can be isolated from Ganlanye. Urolithin M5 has antiviral activity in vitro and in vivo by inhibiting the activity of viral NA. Urolithin M5 can increase the survival rate and improve pulmonary edema in pr8-infected mouse models. Urolithin M5 can be used in anti-influenza research^[1].

REFERENCES

[1]. Xiao M, et al. Urolithin M5 from the Leaves of *Canarium album* (Lour.) DC. Inhibits Influenza Virus by Targeting Neuraminidase. *Molecules*. 2022 Sep 5;27(17):5724.

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

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