



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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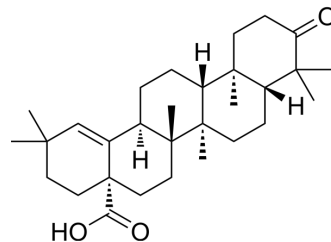
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Moronic acid

Cat. No.:	HY-N3242	
CAS No.:	6713-27-5	
Molecular Formula:	C ₃₀ H ₄₆ O ₃	
Molecular Weight:	454.68	
Target:	HIV	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 18.6 mg/mL (40.91 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1993 mL	10.9967 mL	21.9935 mL
5 mM	0.4399 mL	2.1993 mL	4.3987 mL
10 mM	0.2199 mL	1.0997 mL	2.1993 mL

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

BIOLOGICAL ACTIVITY

Description

Moronic acid, a triterpenoid, is an anti-HIV agent. Moronic acid inhibits viral replication with an EC₅₀ value <1 µg/mL, and shows cytotoxicity in H9 lymphocytes with an IC₅₀ value of 18.6 µg/mL. Moronic acid can be isolated from Brazilian propolis [1].

REFERENCES

[1]. Ito J, et al. Anti-AIDS agents. 48.(1) Anti-HIV activity of moronic acid derivatives and the new melliferone-related triterpenoid isolated from Brazilian propolis. J Nat Prod. 2001 Oct;64(10):1278-81.

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

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