



SZABO SCANDIC

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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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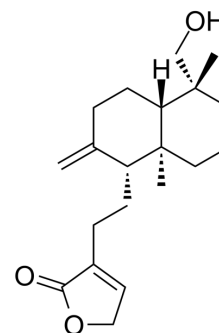
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Andrograpanin

Cat. No.:	HY-N9388
CAS No.:	82209-74-3
Molecular Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (314.02 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1402 mL	15.7011 mL	31.4021 mL
	5 mM	0.6280 mL	3.1402 mL	6.2804 mL
	10 mM	0.3140 mL	1.5701 mL	3.1402 mL

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

BIOLOGICAL ACTIVITY

Description

Andrograpanin, a bioactive compound from *Andrographis paniculata*, exhibits anti-inflammatory and anti-infectious properties^{[1][2]}.

In Vitro

Andrograpanin exhibits anti-inflammatory properties in lipopolysaccharide-induced macrophage cells through down-regulating the p38 MAPKs signaling pathways^[1].
Andrograpanin enhances chemokine SDF-1 α -induced leukocytes chemotaxis in Jurkat, THP-1 and PBL cells^[2].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

1. Li-Li Ji, et al. Andrograpanin, a compound isolated from anti-inflammatory traditional Chinese medicine *Andrographis paniculata*, enhances chemokine SDF-1 α -induced leukocytes chemotaxis. *J Cell Biochem.* 2005 Aug 1;95(5):970-8.
2. Jun Liu, et al. Andrograpanin, isolated from *Andrographis paniculata*, exhibits anti-inflammatory property in lipopolysaccharide-induced macrophage cells through down-regulating the p38 MAPKs signaling pathways. *Int Immunopharmacol.* 2008 Jul;8(7):951-8.

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

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