



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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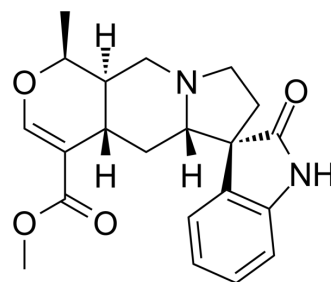
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Mitraphylline

Cat. No.:	HY-N6946
CAS No.:	509-80-8
Molecular Formula:	C ₂₁ H ₂₄ N ₂ O ₄
Molecular Weight:	368.43
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 6.76 mg/mL (18.35 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7142 mL	13.5711 mL	27.1422 mL
	5 mM	0.5428 mL	2.7142 mL	5.4284 mL
	10 mM	0.2714 mL	1.3571 mL	2.7142 mL

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

BIOLOGICAL ACTIVITY

Description

Mitraphylline is the major pentacyclic oxindolic alkaloid presented in *Uncaria tomentosa*. Mitraphylline inhibits lipopolysaccharide-mediated activation of primary human neutrophils^[1].

REFERENCES

[1]. Montserrat-de la Paz S, et al. Mitraphylline inhibits lipopolysaccharide-mediated activation of primary human neutrophils. *Phytomedicine*. 2016 Feb 15;23(2):141-8.

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

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