



# 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

### SZABO-SCANDIC HandelsgmbH

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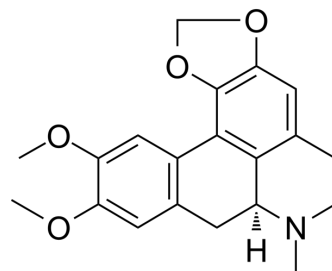
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## Dicentrine

Cat. No.:	HY-N6969
CAS No.:	517-66-8
Molecular Formula:	C <sub>20</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight:	339.39
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 10 mg/mL (29.46 mM; ultrasonic and warming and heat to 60°C)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.9465 mL	14.7323 mL	29.4646 mL
				5 mM	0.5893 mL	2.9465 mL	5.8929 mL
				10 mM	0.2946 mL	1.4732 mL	2.9465 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1 mg/mL (2.95 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1 mg/mL (2.95 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (2.95 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Dicentrine is a natural product isolated from the plant <i>Stephania epigaea</i> Lo with antihypertensive effect. Dicentrine is an α <sub>1</sub> -adrenoceptor antagonist which has effective against human hyperplastic prostates <sup>[1]</sup> .
IC <sub>50</sub> & Target	α adrenergic receptor

### REFERENCES

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[1]. Sheu-Meei Yu, et al. Effects of dicentrine, a novel  $\alpha$ 1-adrenoceptor antagonist, on human hyperplastic prostates. European Journal of Pharmacology. 1994 Jan; 252(1):29-34.

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

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