



# 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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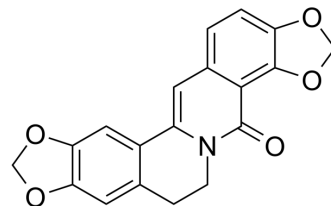
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## 8-Oxocoptisine

<b>Cat. No.:</b>	HY-N8346		
<b>CAS No.:</b>	19716-61-1		
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>13</sub> NO <sub>5</sub>		
<b>Molecular Weight:</b>	335.31		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 2.08 mg/mL (6.20 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9823 mL	14.9116 mL	29.8231 mL
	5 mM	0.5965 mL	2.9823 mL	5.9646 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

8-Oxocoptisine is a natural protoberberine alkaloid with anti-cancer activity<sup>[1]</sup>.

#### In Vitro

8-Oxocoptisine has cytotoxicity against NCI-N87 (IC<sub>50</sub>=20.31 μM) and has no cytotoxicity against Caco-2 (IC<sub>50</sub>>100 μM)<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ping Qian, et al. Five new alkaloids from *Coptidis Rhizoma-Euodiae Fructus* couple and their cytotoxic activities against gastrointestinal cancer cells. *Fitoterapia*. 2014 Mar;93:74-80.

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

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