



# 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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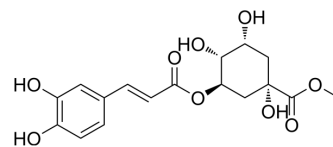
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## Methyl chlorogenate

<b>Cat. No.:</b>	HY-N4168B		
<b>CAS No.:</b>	29708-87-0		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>20</sub> O <sub>9</sub>		
<b>Molecular Weight:</b>	368.34		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (339.36 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7149 mL	13.5744 mL	27.1488 mL
	5 mM	0.5430 mL	2.7149 mL	5.4298 mL
	10 mM	0.2715 mL	1.3574 mL	2.7149 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Methyl chlorogenate is an antioxidant, and has radical scavenging activity. Methyl chlorogenate is an anti-inflammatory agent. Methyl chlorogenate also inhibits hepatocellular carcinoma (HCC) cell proliferation and metastasis<sup>[1][2]</sup>.

### REFERENCES

[1]. Szyborska K, et al. Extraction with Acidified Methanol-An Easy and Effective Method of Methyl Chlorogenate Formation, as Studied by ESI-MS. *Molecules*. 2022 Nov 3;27(21):7543.

[2]. Pang Y, et al. Inhibition of abnormally activated HIF-1 $\alpha$ -GLUT1/3-glycolysis pathway enhances the sensitivity of hepatocellular carcinoma to 5-caffeoylquinic acid and its derivatives. *Eur J Pharmacol*. 2022 Apr 5;920:174844.

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

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