



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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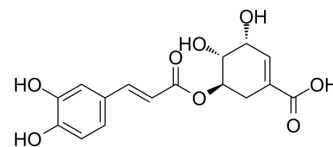
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## 5-O-Caffeoylshikimic acid

Cat. No.:	HY-N8321
CAS No.:	73263-62-4
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> O <sub>8</sub>
Molecular Weight:	336
Target:	Others
Pathway:	Others
Storage:	-20°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 (297.62 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.9762 mL	14.8810 mL	29.7619 mL
			5 mM	0.5952 mL	2.9762 mL	5.9524 mL
			10 mM	0.2976 mL	1.4881 mL	2.9762 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: ≥ 2.5 mg/mL (7.44 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.44 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.44 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	5-O-Caffeoylshikimic acid can be used in the study for NSCLC <sup>[1][2]</sup> .
In Vitro	5-O-cafeoylshikimic acid likely to be a key player to modulate NSCLC drug resistance in the near future <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Oleksandr Shulha, et al. Lignans and sesquiterpene lactones from *Hypochaeris radicata* subsp. *neapolitana* (Asteraceae, Cichorieae). *Phytochemistry*. 2019

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Sep;165:112047.

[2]. <https://pubmed.ncbi.nlm.nih.gov/31203102>

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

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