



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

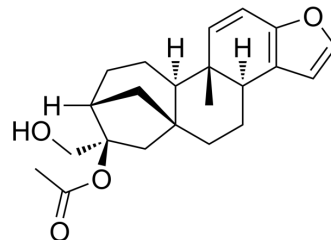
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Kahweol acetate

Cat. No.:	HY-N7210
CAS No.:	81760-47-6
Molecular Formula:	C <sub>22</sub> H <sub>28</sub> O <sub>4</sub>
Molecular Weight:	356.46
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Kahweol acetate, a bioactive compound found in coffee, has been identified for its potent anti-cancer properties, particularly in inhibiting the proliferation and migration of prostate cancer cells. Alongside cafestol, it shows dose-dependent effects in suppressing tumor growth and metastasis in both in vitro and in vivo studies. Mechanistically, kahweol acetate and cafestol induce apoptosis, inhibit epithelial-mesenchymal transition, and reduce androgen receptor activity, especially in androgen receptor-positive cells. They also downregulate chemokine receptors CCR2 and CCR5, crucial for cancer progression, without altering their ligand levels. These findings suggest that kahweol acetate, in combination with cafestol, may serve as promising therapeutic agents against prostate cancer<sup>[1]</sup>.

### REFERENCES

[1]. Coffee diterpenes kahweol acetate and cafestol synergistically inhibit the proliferation and migration of prostate cancer cells

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA