



Product Information

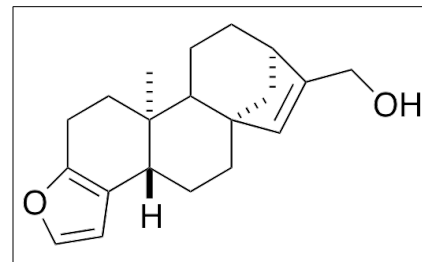
Product ID D1731
CAS No.
Chemical Name

Synonym Dehydrocafestol

Formula $C_{20}H_{26}O_2$
Formula Wt. 298.42
Melting Point 110-112 °C
Purity $\geq 98\%$
Solubility

Store Temp -20 °C
Ship Temp Ambient

Description 15,16-Dehydrocafestol is a diterpene found in roasted coffee. This compound is a reduction product of cafestol, which inhibits increases in pro-fibrotic cytokine TGF- β in models of liver damage and induces apoptosis through regulation of Sp1 signaling. 15,16-Dehydrocafestol exhibits anti-fibrotic, hepatoprotective, and anticancer activities. It may also induce apoptosis in malignant pleural mesothelioma cells.



Bulk quantities available upon request

Product ID	Size
D1731	5 mg
D1731	10 mg
D1731	25 mg

References Arauz J, Moreno MG, Cortés-Reynosa P, et al. Coffee attenuates fibrosis by decreasing the expression of TGF- β and CTGF in a murine model of liver damage. *J Appl Toxicol.* 2013 Sep;33(9):970-9. PMID: 22899499.

Lee KA, Chae JI, Shim JH. Natural diterpenes from coffee, cafestol and kahweol induce apoptosis through regulation of specificity protein 1 expression in human malignant pleural mesothelioma. *J Biomed Sci.* 2012 Jun 26;19:60. PMID: 22734486.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.