



LKT Laboratories, Inc.

Ginsenoside CK

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Product Information

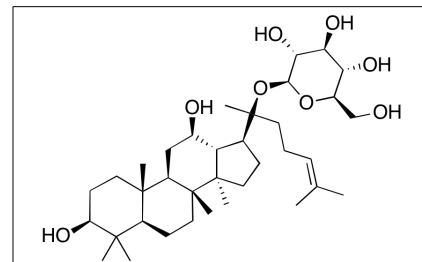
Product ID G337543
CAS No. 39262-14-1
Chemical Name Ginsenoside K

Synonym Ginsenoside Compound K; Ginsenoside C-K; Ginsenoside K; 20(S)-Ginsenoside C-K

Formula $C_{36}H_{62}O_8$
Formula Wt. 622.88
Melting Point
Purity $\geq 98\%$
Solubility

Store Temp 4°C
Ship Temp Ambient

Description Ginsenoside CK is the major metabolite of ginsenosides Rb1, Rb2, Rc, and Rd. Ginsenoside CK has been shown to suppress growth and inhibit migration of glioblastoma cells. In addition, ginsenoside CK is found to improve glucose intolerance in a rat model, show evidence of neuroprotective and cognition enhancing effects, and decrease the formation of atherosclerotic plaques in a mouse model.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G337543	5 mg	\$121.70
G337543	25 mg	\$228.90
G337543	100 mg	\$679.70

References Lee S, Kwon MC, Jang JP, et al. The ginsenoside metabolite compound K inhibits growth, migration and stemness of glioblastoma cells. *Int J Oncol.* 2017 Aug;51(2):414-424. PMID: 28656196.

Hwang YC, Oh DH, Choi MC, et al. Compound K attenuates glucose intolerance and hepatic steatosis through AMPK-dependent pathways in type 2 diabetic OLETF rats. *Korean J Intern Med.* 2018 Mar;33(2):347-355. PMID: 28142230.

Oh J, Kim JS. Compound K derived from ginseng: neuroprotection and cognitive improvement. *Food Funct.* 2016 Nov 9;7(11):4506-4515. PMID: 27801453.

Zhou L, Zheng Y, Li Z, et al. Compound K attenuates the development of atherosclerosis in ApoE(-/-) mice via LXRAalpha activation. *Int J Mol Sci.* 2016 Jul 8;17(7):pii:E1054. PMID: 27399689.

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