



LKT Laboratories, Inc.

Pseudoprotodioscin

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID P7218

CAS No. 102115-79-7

Chemical Name

Synonym

Formula $C_{51}H_{82}O_{21}$

Formula Wt. 1031.18

Melting Point

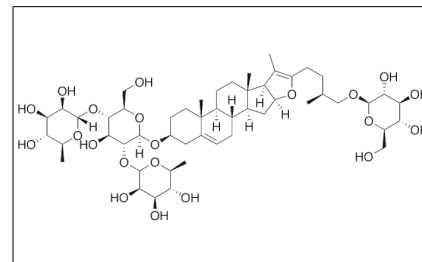
Purity $\geq 98\%$

Solubility

Store Temp 4°C

Ship Temp Ambient

Description Pseudoprotodioscin is a steroidal saponin originally found in species of *Tribulus*, *Trigonella*, and *Smilax*. Pseudoprotodioscin exhibits anti-inflammatory and anticancer activities. This compound inhibits melanogenesis in melanoma cells and inhibits production of inflammatory cytokines such as TNF- α in THP-1 cells. Pseudoprotodioscin displays mild cytotoxicity across several cancer cell lines.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P7218	5 mg	\$63.20
P7218	25 mg	\$231.70
P7218	100 mg	\$491.60

References Kawabata T, Cui MY, Hasegawa T, et al. Anti-inflammatory and anti-melanogenic steroidal saponin glycosides from Fenugreek (*Trigonella foenum-graecum* L.) seeds. *Planta Med.* 2011 May;77(7):705-10. PMID: 20979021.

Dinchev D, Janda B, Evstatieva L, et al. Distribution of steroidal saponins in *Tribulus terrestris* from different geographical regions. *Phytochemistry.* 2008 Jan;69(1):176-86. PMID: 17719068.

Dong M, Feng XZ, Wu LJ, et al. Two new steroidal saponins from the rhizomes of *Dioscorea panthaica* and their cytotoxic activity. *Planta Med.* 2001 Dec;67(9):853-7. PMID: 11745024.

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