



LKT Laboratories, Inc.

Saikosaponin B2

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Product Information

Product ID S0033

CAS No.

Chemical Name

Synonym

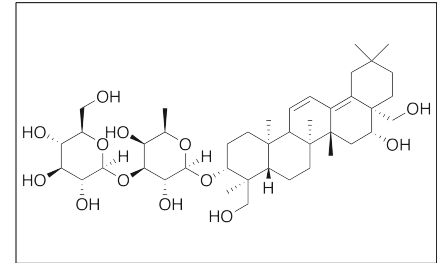
Formula $C_{42}H_{68}O_{13}$

Formula Wt. 780.98

Melting Point 231-238 °C

Purity ≥98%

Solubility Soluble in DMSO.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
S0033	1 mg	\$88.20
S0033	5 mg	\$297.70

Store Temp -20 °C

Ship Temp Ambient

Description Saikosaponin B2 is a saponin found in various plants, including *Bupleurum*, *Heteromorpha*, and *Scrophularia*. Saikosaponin B2 exhibits antiviral activity, inhibiting viral attachment, penetration, and proliferation of coronavirus in vitro. Saikosaponin B2 also induces differentiation in melanoma cells, potentially related to a downregulation in PKC activity. In other cellular models, saikosaponin B2 stimulates release of prostaglandin E2 (PGE2).

References Cheng PW, Ng LT, Chiang LC, et al. Antiviral effects of saikosaponins on human coronavirus 229E in vitro. *Clin Exp Pharmacol Physiol.* 2006 Jul;33(7):612-6. PMID: 16789928.

Kyo R, Nakahata N, Kodama Y, et al. Antagonism of saikosaponin-induced prostaglandin E2 release by baicalein in C6 rat glioma cells. *Biol Pharm Bull.* 1999 Dec;22(12):1385-7. PMID: 10746176.

Zong Z, Fujikawa-Yamamoto K, Ota T, et al. Saikosaponin b2 induces differentiation without growth inhibition in cultured B16 melanoma cells. *Cell Struct Funct.* 1998 Oct;23(5):265-72. PMID: 9872567.

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