



LKT Laboratories, Inc.

Flavokawain B

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Product Information

Product ID F4503

CAS No. 1775-97-9

Chemical Name

Synonym

Formula $C_{17}H_{16}O_4$

Formula Wt. 284.31

Melting Point 85-87°C

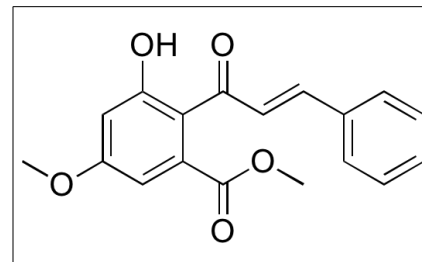
Purity ≥97%

Solubility DMSO to 35 mM. Insoluble
in water. Soluble in
methanol.

Store Temp -20°C

Ship Temp Ambient

Description Flavokawain B is a chalcone kavalactone originally found in *Piper methysticum* (kava plant). Flavokawain B exhibits hepatotoxic and anti-inflammatory activities. This compound inhibits degradation of IκBα and activation of NF-κB.



Bulk quantities available upon request

Product ID	Size
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F4503	5 mg
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F4503	10 mg
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References Teschke R, Qiu SX, Lebot V. Herbal hepatotoxicity by kava: update on pipermethystine, flavokavain B, and mould hepatotoxins as primarily assumed culprits. *Dig Liver Dis.* 2011 Sep;43(9):676-81. PMID: 21377431.

Folmer F, Blasius R, Morceau F, et al. Inhibition of TNFα-induced activation of nuclear factor kappaB by kava (*Piper methysticum*) derivatives. *Biochem Pharmacol.* 2006 Apr 14;71(8):1206-18. PMID: 16464438.

Sakai T, Eskander RN, Guo Y, et al. Flavokawain B, a kava chalcone, induces apoptosis in synovial sarcoma cell lines. *J Orthop Res.* 2012 Jul;30(7):1045-1050. PMID: 22213202.

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