LKT Laboratories, Inc.

Kavalactones Mixture

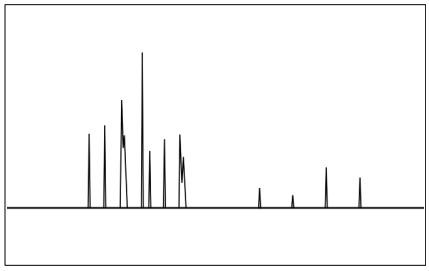
Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID K0282
CAS No.
Chemical Name

Synonym

Formula
Formula Wt.
Melting Point
Purity ≥98%
Solubility



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
K0282	1 ml	$846.50

Store Temp -20˚C
Ship Temp Ambient
Description 100 µg each of 13 kava compounds/ mL acetonitrile.

Kavalactones are found in *Piper methysticum* and exert a wide variety of activities in vitro and in vivo, including antinociceptive, anxiolytic, hypnotic, anticonvulsant, and anti-inflammatory effects. Kavalactones shorten sleep latency and decrease awake time in sleep-disturbed rats and effectively treat short-term anxiety in humans. In animals, these compounds also activate Nrf2, a transcription factor protective against aß-induced neurotoxicity in Alzheimer's disease and inhibit MPTP-induced loss of DA, tyrosine hydroxylase, and nigral neurons in models of Parkinson's disease. Additionally, kavalactones modulate Na+, K+, and Ca2+ ion channel signaling as well as chemical and thermal pain nociception.

References

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