



LKT Laboratories, Inc.

Dehydroandrographolide

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

Product Information

Product ID A5314

CAS No. 134418-28-3

Chemical Name

Synonym

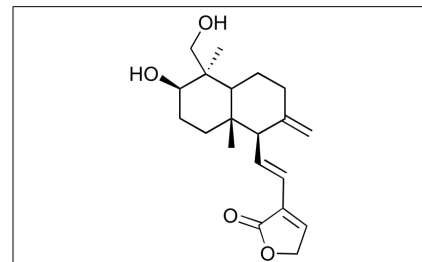
Formula $C_{20}H_{28}O_4$

Formula Wt. 332.43

Melting Point 232-236°C

Purity ≥98%

Solubility Soluble in chloroform



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5314	1 mg	\$127.30
A5314	5 mg	\$461.20
A5314	10 mg	\$673.50

Store Temp -20°C

Ship Temp Ambient

Description Dehydroandrographolide is a labdane diterpene found in *Andrographis* that exhibits antiviral, antioxidative, and anti-inflammatory activities. In vitro, this compound inhibits hepatitis B virus replication. Additionally, dehydroandrographolide decreases LPS-induced expression of TNF- α , IL-1 β , IL-6, and malondialdehyde and increases levels of superoxide dismutase in animal models of lung injury. TEST!!!!!!

References Chen H, Ma YB, Huang XY, et al. Synthesis, structure-activity relationships and biological evaluation of dehydroandrographolide and andrographolide derivatives as novel anti-hepatitis B virus agents. *Bioorg Med Chem Lett*. 2014 May 15;24(10):2353-9. PMID: 24731274.

Zhu T, Guan X, Zhang W, et al. Dehydroandrographolide succinate inhibits oxidative stress in mice with lipopolysaccharide-induced acute lung injury by inactivating iNOS. *Nan Fang Yi Ke Da Xue Xue Bao*. 2012 Sep;32(9):1238-41. PMID: 22985554.

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