



Product Information

Product ID I524086
CAS No. 22419-74-5
Chemical Name (1R,2S,5E,9E,12S)-1,5,9-Trimethyl-12-propan-2-yl-15-oxabicyclo [10.2.1]pentadeca-5,9-dien-2-ol

Synonym Incensole, (-)-Incensol, (-)-Incensole

Formula C₂₀H₃₄O₂
Formula Wt. 306.49

Melting Point

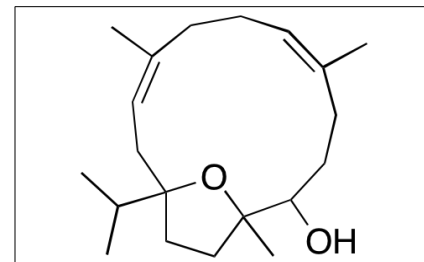
Purity ≥98%

Solubility Soluble in DMSO, dichloromethane or ethyl ether. Insoluble in water. Almost insoluble in ethanol or methanol

Store Temp 4° C

Ship Temp Ambient

Description Incensol is a natural constituent found in frankincense resin and is a potent bioactive diterpenic cembrenoid. Frankincense extract has traditionally been used to treat various inflammatory diseases including arthritis. Several of the individual components in frankincense, including incensol, have shown anti-inflammatory activity in mice. Incensol was found to activate transient receptor potential vanilloid 3, a protein that is involved in temperature sensation in the skin, hair growth, and neurological activities. Incensol has also been found to inhibit activation of Burkitt's lymphoma derived Raji cells.



Bulk quantities available upon request

Product ID	Size
I524086	1 mg
I524086	5 mg
I524086	10 mg

References Banno N, Akihisa T, Yasukawa K, et al. Anti-inflammatory activities of the triterpene acids from the resin of *Boswellia carteri*. *J Ethnopharmacol.* 2006 Sep 19;107(2):249-253. PMID: 16621377.

Pollastro F, Golin S, Chianese G, et al. Neuroactive and anti-inflammatory frankincense cembranes: a structure-activity study. *J Nat Prod.* 2016 Jul 22;79(7):1762-1768. PMID: 27352042.

Akihisa T, Tabata K, Banno N, et al. Cancer chemopreventive effects and cytotoxic activities of the triterpene acids from the resin of *Boswellia carteri*. *Biol Pharm Bull.* 2006 Sep;29(9):1976-1979. PMID: 16945622.

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