
Product Data Sheet

Product Name: Incensole

Cat. No.: GC38214

Chemical Properties

Cas. No. 22419-74-5

SMILES O[C@@H]1[C@@](O2)(C)CC[C@@]2(C(C)C)C/C=C(C)/CC/C=C(C)/CC1Formula $C_{20}H_{34}O_2$

M.Wt 306.48

Solubility DMF: 50 mg/ml, DMSO: 50 mg/ml, Ethanol: 50 mg/ml, Ethanol: PBS (pH 7.2)(1:2): 0.33 mg/ml

Store
Storage at -
20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

Incensole is a diterpene originally isolated from frankincense produced by *B. carterii*.¹ It inhibits degradation of inhibitor of NF-κB (IκBα) in a concentration-dependent manner in TNF-α-stimulated HeLa cells when used at concentrations ranging from 60 to 140 μM.

1. Moussaieff, A., Shohami, E., Kashman, Y., et al. Incensole acetate, a novel anti-inflammatory compound isolated from Boswellia resin, inhibits nuclear factor-κB activation. *Mol. Pharmacol.* 72(6):1657-1664 (2007)

Caution: Product has not been fully validated for medical applications. For research use only.

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