

Product Data Sheet

Product Name: Kaurenoic acid

Cat. No.: GC36387

Chemical Properties

Cas. No. 6730-83-2

SMILES C[C@@]1(C(O)=O)CCC[C@@]2(C)[C@@]3([H])[C@@]4(CC([C@H](CC3)C4)=C)CC[C@]12[H]

Formula C₂₀H₃₀O₂ M.Wt 302.45

Solubility DMF: 10 mg/ml, DMSO: 25 mg/ml, DMSO:PBS (pH 7.2) (1:2): 0.3 mg/ml, Ethanol: 10 mg/ml
Storage -20°C, protect from light

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.

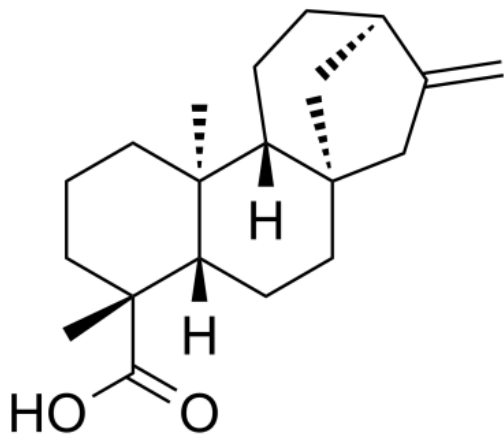
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Kaurenoic acid is a diterpene from *Sphagneticola trilobata*, inhibits Inflammatory Pain by the inhibition of cytokine production and activation of the NO-cyclic GMP-PKG-ATP-sensitive potassium channel signaling pathway[1].

[1]. Mizokami SS, et al. Kaurenoic acid from *Sphagneticola trilobata* Inhibits Inflammatory Pain: effect on cytokine production and activation of the NO-cyclic GMP-protein kinase G-ATP-sensitive potassium channel signaling pathway. *J Nat Prod.* 2012 May 25;75(5):896-904.

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