

Product Data Sheet

Product Name: Farnesyl acetate

Cat. No.: GC62971

Chemical Properties

Cas. No. 29548-30-9

Formula $C_{17}H_{28}O_2$

M.Wt 264.4

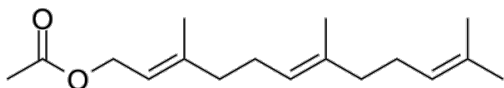
Solubility

Storage

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

Farnesyl acetate is a sesquiterpene isolated from the leaves of *Amomum gagnepainii*. Farnesyl acetate has significant toxicity against red palm weevil larvae with a LD50 of 7867 ppm[1][2].

[1]. Guo D, et al. Biosynthesis of advanced biofuel farnesyl acetate using engineered *Escherichia coli*. *Bioresour Technol.* 2018 Dec;269:577-580.

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

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[2]. Hussain A, et al. Lethality of Sesquiterpenes Reprogramming Red Palm Weevil Detoxification Mechanism for Natural Novel Biopesticide Development. *Molecules*. 2019 Apr 26;24(9).

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