

Product Data Sheet

Product Name: Ethyl linolenate

Cat. No.: GC63822

Chemical Properties

Cas. No. 1191-41-9

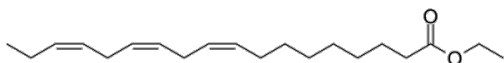
Formula $C_{20}H_{34}O_2$ M.Wt 306.48

Solubility DMSO : 100 mg/mL (326.29 mM; Need ultrasonic) Storage Store at -20°C, stored under nitrogen

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

Ethyl linolenate is a fatty acid ethyl ester (FAEE). Ethyl linolenate plays an active role in inhibition of the cellular production on melanin with an IC50 of 70 μ M. Anti-melanogenesis Effects[1].

Ethyl linolenate significantly blocks Forskolin-induced melanogenesis and inhibits tyrosinase activity[1].

[1]. Sungran Huh, et al. Melanogenesis inhibitory effect of fatty acid alkyl esters isolated from Oxalis triangularis. Biol Pharm Bull. 2010;33(7):1242-5.

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

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