

Product Data Sheet

Product Name: Ent-Calquiquelignan E

Cat. No.: GC79555

Chemical Properties

Cas. No. 1292294-31-5

Formula $C_{26}H_{24}O_{10}$

M.Wt 496.46

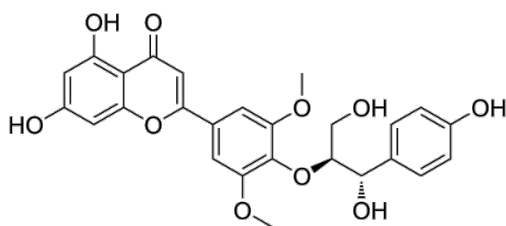
Solubility

Storage Store 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

Ent-Calquiquelignan E (Compound 8) is a flavonoid lignan compound. Ent-Calquiquelignan E can selectively inhibit diacylglycerol acyltransferase 1 (DGAT1) with an IC_{50} of 71.5 μ M. Ent-Calquiquelignan E can be used for the research of metabolic diseases [1].

References:

[1]. Xu WH, et al. Six new sesquiterpene lignans from the stems of Akebia quinata and their diacylglycerol acyltransferase activity. Fitoterapia. 2024 Dec;179:106221.

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

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