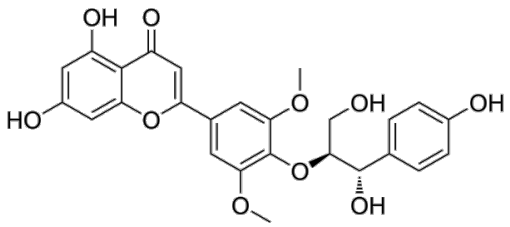
Product Data Sheet

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 μM. Ent-Calquiquelignan E can be used for the research of metabolic diseas [1].

References:

[1]. Xu WH, et al. Six new sesquineolignans from the stems of Akebia quinate 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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