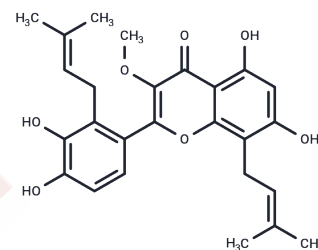


8,2'-Diisoprenylquercetin 3-methyl ether

Chemical Properties

CAS No. :	1214886-51-7
Formula:	C ₂₆ H ₂₈ O ₇
Molecular Weight:	452.5
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	8,2'-Diisoprenylquercetin 3-methyl ether is a natural flavonoid compound extracted from the fruit of <i>Sinopodophyllum hexandrum</i> , exhibiting significant anticancer activity, particularly against breast cancer cell lines such as MDA-231 and T47D.
Targets(IC50)	Others
In vitro	8,2'-Diisoprenylquercetin 3-methyl ether is a natural product with significant anti-breast cancer activity and is the main active ingredient in peach. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2099 mL	11.0497 mL	22.0994 mL
5 mM	0.442 mL	2.2099 mL	4.4199 mL
10 mM	0.221 mL	1.105 mL	2.2099 mL
50 mM	0.0442 mL	0.221 mL	0.442 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ma LM, et al. In vivo metabolism of 8,2'-diprenylquercetin 3-methyl ether and the distribution of its metabolites in rats by HPLC-ESI-IT-TOF-MSn. *Fitoterapia*. 2019 Sep;137:104191.

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