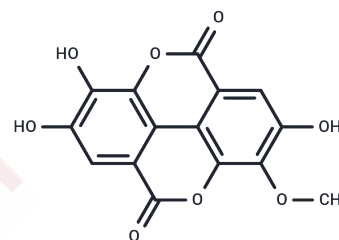


3-O-Methylelagic acid

Chemical Properties

CAS No. :	51768-38-8
Formula:	C ₁₅ H ₈ O ₈
Molecular Weight:	316.22
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	3-O-Methylelagic acid, a natural product isolated from Myrciaria cauliflora, exhibits anti-inflammatory and antibacterial activities. This compound not only inhibits glucose transport but also demonstrates a minimum inhibitory concentration (MIC) of 32 µg/mL against Staphylococcus aureus ATCC 25923 [1] [2] [3].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1624 mL	15.8118 mL	31.6236 mL
5 mM	0.6325 mL	3.1624 mL	6.3247 mL
10 mM	0.3162 mL	1.5812 mL	3.1624 mL
50 mM	0.0632 mL	0.3162 mL	0.6325 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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