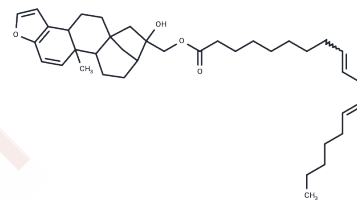


Kahweol linoleate

Chemical Properties

CAS No. :	108214-29-5
Formula:	C38H56O4
Molecular Weight:	576.85
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	Kahweol linoleate is a semi-synthetic derivative of kahweol, a natural product found in coffee beans. It exhibits a wide variety of biological activities, including inhibiting RANKL-induced osteoclast generation, inducing cell cycle arrest and apoptosis in oral squamous cell carcinoma cells, preventing aflatoxin B1 induced DNA adduct formation, and suppressing H2O2-induced DNA damage and oxidative stress.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7336 mL	8.6678 mL	17.3355 mL
5 mM	0.3467 mL	1.7336 mL	3.4671 mL
10 mM	0.1734 mL	0.8668 mL	1.7336 mL
50 mM	0.0347 mL	0.1734 mL	0.3467 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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