# Data Sheet (Cat.No.T27711)



# Kahweol Eicosanate

### **Chemical Properties**

CAS No.: 108214-32-0 Formula: C40H64O4

Molecular Weight: 608.93

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

# **Biological Description**

Description	Kahweol Eicosanate is a semi-syntetic derivative of kahweol. Kahweol Eicosanate
	exhibits a wide variety of biological activities, including inducing cell cycle arrest and
	apoptosis in oral squamous cell carcinoma cells, inhibiting RANKL-induced osteoclast
	generation, preventing aflatoxin B1 induced DNA adduct formation, and suppressing
	H2O2-induced DNA damage and oxidative stress.

### **Preparing Stock Solutions**

	1mg	5mg	10mg	
1 mM	1.6422 mL	8.2111 mL	16.4222 mL	
5 mM	0.3284 mL	1.6422 mL	3.2844 mL	
10 mM	0.1642 mL	0.8211 mL	1.6422 mL	
50 mM	0.0328 mL	0.1642 mL	0.3284 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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