

Cafestol palmitate

Chemical Properties

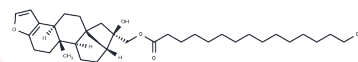
CAS No. : 81760-46-5

Formula: C₃₆H₅₈O₄

Molecular Weight: 554.843

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	Cafestol palmitate is an active compound found in green coffee beans. It can enhance the activity of glutathione S-transferase (GST) in mice and also exhibits weak COX-2 inhibitory activity.
Targets(IC50)	COX,GST

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8023 mL	9.0116 mL	18.0232 mL
5 mM	0.3605 mL	1.8023 mL	3.6046 mL
10 mM	0.1802 mL	0.9012 mL	1.8023 mL
50 mM	0.036 mL	0.1802 mL	0.3605 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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