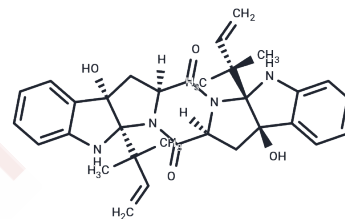


Gypsetin

Chemical Properties

CAS No. :	155114-38-8
Formula:	C32H36N4O4
Molecular Weight:	540.653
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	Gypsetin inhibits the activity of acyl-CoA:cholesterol acyltransferase (ACAT), showing inhibitory effects on rat liver microsomal ACAT with an IC50 of 18 µM, and competes with oleoyl-CoA substrate, possessing a Ki value of 5.5 µM. Additionally, Gypsetin prevents the formation of cholesterol esters from oleic acid with an IC50 of 0.65 µM.
Targets(IC50)	Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8496 mL	9.2481 mL	18.4963 mL
5 mM	0.3699 mL	1.8496 mL	3.6993 mL
10 mM	0.185 mL	0.9248 mL	1.8496 mL
50 mM	0.037 mL	0.185 mL	0.3699 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481