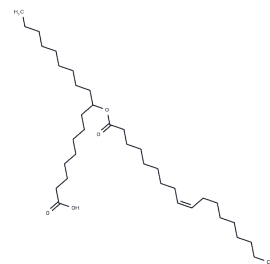


9-OAHSA

Chemical Properties

CAS No. :	154086-90-5
Formula:	C36H68O4
Molecular Weight:	564.936
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	Branched fatty acid esters of hydroxy fatty acids (FAHFAs) are a class of endogenous lipids whose levels are modulated by fasting and high-fat diets and are linked to insulin sensitivity. These compounds typically consist of a C-16 or C-18 fatty acid, such as palmitoleic, palmitic, oleic, or stearic acid, esterified to a hydroxylated C-16 or C-18 lipid. One specific form of FAHFA, known as 9-OAHSA, involves the esterification of oleic acid to 9-hydroxy stearic acid. Within the FAHFA family, OAHSA notably represent the predominant form found in the serum of glucose-tolerant AG40X mice, which uniquely overexpress the Glut4 glucose transporter in adipose tissue.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7701 mL	8.8505 mL	17.701 mL
5 mM	0.354 mL	1.7701 mL	3.5402 mL
10 mM	0.177 mL	0.885 mL	1.7701 mL
50 mM	0.0354 mL	0.177 mL	0.354 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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