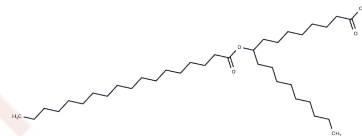


9-SAHSA

Chemical Properties

CAS No. :	1895916-79-6
Formula:	C36H70O4
Molecular Weight:	566.9
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 lipids that are modulated by dietary changes such as fasting and high-fat diets, and they play a role in insulin sensitivity. These compounds generally consist of a fatty acid chain of either 16 or 18 carbons (for example, palmitoleic, palmitic, oleic, or stearic acid) esterified to a similarly long hydroxy fatty acid. One specific FAHFA, 9-SAHSA, features stearic acid esterified at the 9th carbon of hydroxy stearic acid. The concentration of 9-SAHSA is notably increased in the serum of glucose-tolerant AG4OX mice, which specifically express the Glut4 glucose-transporting protein in adipose tissue.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.764 mL	8.8199 mL	17.6398 mL
5 mM	0.3528 mL	1.764 mL	3.528 mL
10 mM	0.1764 mL	0.882 mL	1.764 mL
50 mM	0.0353 mL	0.1764 mL	0.3528 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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