

## 13-OAHSA

## Chemical Properties

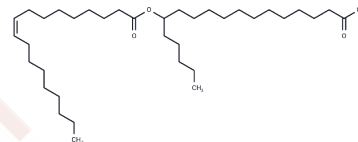
CAS No. : 1997286-67-5

Formula: C<sub>36</sub>H<sub>68</sub>O<sub>4</sub>

Molecular Weight: 564.9

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	13-OAHSA, a branched fatty acid ester of hydroxy fatty acids (FAHFAs), results from the esterification of oleic acid to 13-hydroxy stearic acid. It represents a significant component of the FAHFA family, most abundantly expressed in the serum of glucose-tolerant AG40X mice that exhibit adipose tissue-specific overexpression of the Glut4 glucose transporter. Similar to other FAHFAs which are known to enhance glucose tolerance, stimulate insulin secretion, and exert anti-inflammatory effects, 13-OAHSA may play a pivotal role in managing metabolic syndrome and inflammation.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7702 mL	8.8511 mL	17.7022 mL
5 mM	0.354 mL	1.7702 mL	3.5404 mL
10 mM	0.177 mL	0.8851 mL	1.7702 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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