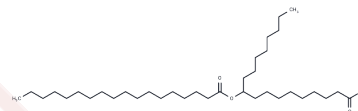


10-SAHSA

Chemical Properties

CAS No. :	2320261-81-0
Formula:	C36H70O4
Molecular Weight:	567
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	10-SAHSA, an endogenous lipid recently discovered, is part of the FAHFAs, a group of branched fatty acid esters of hydroxy fatty acids. It specifically consists of stearic acid esterified to 10-hydroxy stearic acid. Notably, PAHSAs, closely related to 10-SAHSA, are significantly present in the adipose tissue of AG40X mice that are glucose tolerant due to the overexpression of the Glut4 glucose transporter in their adipose tissue. Similar to other FAHFAs, which are known to improve glucose tolerance, promote insulin secretion, and possess anti-inflammatory properties, 10-SAHSA is considered a potential bioactive lipid with implications for metabolic syndrome and inflammation
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7637 mL	8.8183 mL	17.6367 mL
5 mM	0.3527 mL	1.7637 mL	3.5273 mL
10 mM	0.1764 mL	0.8818 mL	1.7637 mL
50 mM	0.0353 mL	0.1764 mL	0.3527 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