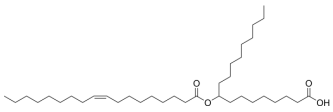
9-OAHSA

Cat. No.:	HY-131934
CAS No.:	154086-90-5
Molecular Formula:	$C_{36}H_{68}O_4$
Molecular Weight:	564.92
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	9-OAHSA is a fatty acid ester of hydroxy fatty acids (FAHFAs). 9-OAHSA shows anti-inflammatory effects via inhibiting cytokine production and reduces IL-1β and IL-6 expression. 9-OAHSA is also a protective molecule to prevent colon carcinoma cells from apoptotic cell death[1][2][3].

REFERENCES

[1]. Zhu QF, et al. Highly sensitive determination of fatty acid esters of hydroxyl fatty acids by liquid chromatography-mass spectrometry. J Chromatogr B Analyt Technol Biomed Life Sci. 2017 Sep 1;1061-1062:34-40.2.

[2]. Ding J, et al. In-Silico-Generated Library for Sensitive Detection of 2-Dimethylaminoethylamine Derivatized FAHFA Lipids Using High-Resolution Tandem Mass Spectrometry. Anal Chem. 2020 Apr 21;92(8):5960-5968.

[3]. Li L, et al. Fatty acid esters of hydroxy fatty acids: A potential treatment for obesity-related diseases. Obes Rev. 2024 Mar 10:e13735.

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