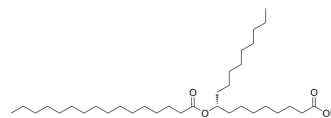


9(R)-PAHSA

Cat. No.:	HY-124281
CAS No.:	2097130-84-0
Molecular Formula:	C ₃₄ H ₆₆ O ₄
Molecular Weight:	538.89
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

9(R)-PAHSA is a R-enantiomer of 9-PAHSA. 9-PAHSA is an orally available anti-inflammatory lipid that lowers blood sugar and reduces inflammation^{[1][2]}.

REFERENCES

[1]. Nelson AT, et al. Stereochemistry of Endogenous Palmitic Acid Ester of 9-Hydroxystearic Acid and Relevance of Absolute Configuration to Regulation. *J Am Chem Soc.* 2017 Apr 5;139(13):4943-4947.

[2]. Wang YM, et al. 9-PAHSA Improves Cardiovascular Complications by Promoting Autophagic Flux and Reducing Myocardial Hypertrophy in Db/Db Mice. *Front Pharmacol.* 2021 Nov 15;12:754387.

Caution: Product has not been fully validated for medical applications. For research use only.

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