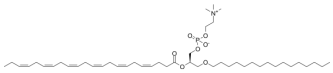
1-O-Hexadecyl-2-O-docosahexaenoyl-sn-glycero-3-phosphorylcholine

Cat. No.:	HY-W127369
CAS No.:	132213-85-5
Molecular Formula:	$C_{46}H_{82}NO_7P$
Molecular Weight:	792
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1-O-Hexadecyl-2-O-docosahexaenoyl-sn-glycero-3-phosphorylcholine is an endogenous metabolite present in Urine that can be used for the research of Obesity[1][2].
In Vitro	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Cho K, et al. Combined untargeted and targeted metabolomic profiling reveals urinary biomarkers for discriminating obese from normal-weight adolescents. Pediatr Obes. 2017 Apr;12(2):93-101.

[2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. Oncogene. 2020 Aug;39(35):5709-5720.

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