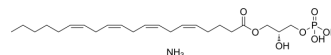


1-Arachidonoyl-sn-glycerol 3-phosphate ammonium

Cat. No.:	HY-145486
CAS No.:	799268-65-8
Molecular Formula:	C ₂₃ H ₄₂ NO ₇ P
Molecular Weight:	475.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Arachidonoyl-sn-glycerol 3-phosphate ammonium (20:4 Lyso PA) is a phospholipid and an LPA derived from arachidonic acid. The concentration of 1-Arachidonoyl-sn-glycerol 3-phosphate ammonium in plasma is significantly correlated with the age of onset of cocaine use and the duration of abstinence. 1-Arachidonoyl-sn-glycerol 3-phosphate ammonium can be used in the research of biomarkers for cocaine use disorder (CUD)^[1].

REFERENCES

[1]. Flores-López M, et al. Plasma concentrations of lysophosphatidic acid and the expression of its receptors in peripheral blood mononuclear cells are altered in patients with cocaine use disorders[J]. *Translational Psychiatry*, 2023, 13(1): 215.

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

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