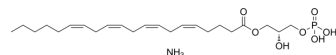


1-Arachidonoyl-sn-glycerol 3-phosphate ammonium

Cat. No.:	HY-145486
CAS No.:	799268-65-8
Molecular Formula:	C ₂₃ H ₄₂ NO ₇ P
Molecular Weight:	475.56
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA