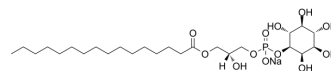


L- α -lysophosphatidylinositol (Soy) (sodium)

Cat. No.:	HY-W020035
CAS No.:	796963-91-2
Molecular Formula:	C ₂₅ H ₄₈ NaO ₁₂ P
Molecular Weight:	594.6
Target:	GPR55
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 6 mg/mL (10.09 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6818 mL	8.4090 mL	16.8180 mL
5 mM	0.3364 mL	1.6818 mL	3.3636 mL
10 mM	0.1682 mL	0.8409 mL	1.6818 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

L- α -lysophosphatidylinositol Soy sodium is an endogenous ligand of GPR55. L- α -lysophosphatidylinositol Soy sodium is an endogenous lysophospholipid and endocannabinoid neurotransmitter that belongs to the class of lysophospholipids^[1].

REFERENCES

[1]. Moreno-Navarrete JM, et al. The L- α -lysophosphatidylinositol/GPR55 system and its potential role in human obesity. *Diabetes*. 2012 Feb;61(2):281-91.

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

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