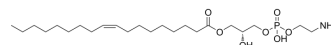


1-Oleoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine

Cat. No.: HY-W355700
CAS No.: 89576-29-4
Molecular Formula: C₂₃H₄₆NO₇P
Molecular Weight: 479.59
Target: Drug Metabolite
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 5 mg/mL (10.43 mM; ultrasonic and warming and heat to 60°C)
 DMSO : 2 mg/mL (4.17 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.0851 mL	10.4256 mL	20.8511 mL
5 mM	0.4170 mL	2.0851 mL	4.1702 mL		
10 mM	0.2085 mL	1.0426 mL	2.0851 mL		

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

BIOLOGICAL ACTIVITY

Description

1-Oleoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine is the main degradation product of deltamethrin metabolized by the prokaryotic protein (CYP6A14 and CYP6N6) complexes in vitro^[1].

REFERENCES

[1]. Hui Peng, et al. In Vitro and In Vivo Validation of CYP6A14 and CYP6N6 Participation in Deltamethrin Metabolic Resistance in *Aedes albopictus*. *Am J Trop Med Hyg.* 2023 Feb 6;108(3):609-618.

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