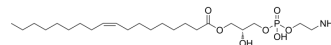


1-Oleoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine

| | |
|--------------------|--|
| Cat. No.: | HY-W355700 |
| CAS No.: | 89576-29-4 |
| Molecular Formula: | C ₂₃ H ₄₆ NO ₇ P |
| 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

DMSO : 2 mg/mL (4.17 mM; ultrasonic and warming and heat to 60°C)
Ethanol : 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 | --- | --- | --- | |
| | 10 mM | --- | --- | --- | |

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