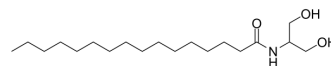


Palmitoyl serinol

Cat. No.:	HY-125407
CAS No.:	126127-31-9
Molecular Formula:	C ₁₉ H ₃₉ NO ₃
Molecular Weight:	329.52
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Palmitoyl serinol (N-Palmitoyl serinol) is an analog of the endocannabinoid N-palmitoyl ethanolamine (PEA). Palmitoyl serinol improves the epidermal permeability barrier in both normal and inflamed skin ^{[1][2]} .
In Vitro	Palmitoyl serinol (N-Palmitoyl serinol) stimulates ceramide production through a CB1-dependent mechanism in in vitro model of skin inflammation ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shin KO, et al. N-Palmitoyl Serinol Stimulates Ceramide Production through a CB1-Dependent Mechanism in In Vitro Model of Skin Inflammation. *Int J Mol Sci.* 2021;22(15):8302. Published 2021 Aug 2.

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