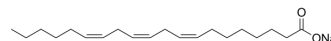


Dihomo- γ -linolenic acid sodium

| | |
|--------------------|---|
| Cat. No.: | HY-A0143A |
| CAS No.: | 65881-87-0 |
| Molecular Formula: | C ₂₀ H ₃₃ NaO ₂ |
| Molecular Weight: | 328.46 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Dihomo- γ -linolenic acid (DGLA; all-cis-8,11,14-Eicosatrienoic acid) sodium is a 20-carbon ω -6 fatty acid, with anti-inflammatory and anti-proliferative activities. Dihomo- γ -linolenic acid (sodium) attenuates atherosclerosis in the apolipoprotein E deficient mouse model system^{[1][2][3]}.

CUSTOMER VALIDATION

- Cell Rep. 2022 Sep 20;40(12):111381.
- Eur J Pharmacol. 2023 Feb 23;175618.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Wang X, et al. Multiple roles of dihomogamma-linolenic acid against proliferation diseases. Lipids Health Dis. 2012 Feb 14;11:25.
- [2]. Wang X, et al. Multiple roles of dihomogamma-linolenic acid against proliferation diseases. Lipids Health Dis. 2012 Feb 14;11:25.
- [3]. Gallagher H, et al. Dihomo- γ -linolenic acid inhibits several key cellular processes associated with atherosclerosis. Biochim Biophys Acta Mol Basis Dis. 2019 Sep 1;1865(9):2538-2550.
- [4]. Gallagher H, et al. Dihomo- γ -linolenic acid inhibits several key cellular processes associated with atherosclerosis. Biochim Biophys Acta Mol Basis Dis. 2019 Sep 1;1865(9):2538-2550.

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