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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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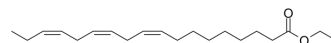
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Ethyl linolenate

| | |
|--------------------|--|
| Cat. No.: | HY-N2073 |
| CAS No.: | 1191-41-9 |
| Molecular Formula: | C ₂₀ H ₃₄ O ₂ |
| Molecular Weight: | 306.48 |
| Target: | MCHR1 (GPR24) |
| Pathway: | GPCR/G Protein; Neuronal Signaling |
| Storage: | 4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|--------------|------------|------------|
| In Vitro | DMSO : 100 mg/mL (326.29 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 3.2629 mL | 16.3143 mL | 32.6286 mL |
| | | 5 mM | 0.6526 mL | 3.2629 mL | 6.5257 mL |
| | | 10 mM | 0.3263 mL | 1.6314 mL | 3.2629 mL |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | <ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.16 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|---|
| Description | Ethyl linolenate is a fatty acid ethyl ester (FAEE). Ethyl linolenate plays an active role in inhibition of the cellular production on melanin with an IC ₅₀ of 70 μM. Anti-melanogenesis Effects ^[1] . |
| In Vitro | Ethyl linolenate significantly blocks Forskolin-induced melanogenesis and inhibits tyrosinase activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

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

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