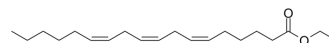


## $\gamma$ -Linolenic acid ethyl ester

Cat. No.:	HY-108396
CAS No.:	31450-14-3
Molecular Formula:	C <sub>20</sub> H <sub>34</sub> O <sub>2</sub>
Molecular Weight:	306.48
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO :  $\geq$  250 mg/mL (815.71 mM)  
\* " $\geq$ " means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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.

### BIOLOGICAL ACTIVITY

#### Description

$\gamma$ -Linolenic acid ethyl ester (Ethyl  $\gamma$ -linolenate) is a leukotriene B<sub>4</sub> receptor 4 (LTB<sub>4</sub>) antagonist<sup>[1]</sup>.

### REFERENCES

[1]. K A Yagaloff, et al. Essential fatty acids are antagonists of the leukotriene B<sub>4</sub> receptor. Prostaglandins Leukot Essent Fatty Acids. 1995 May;52(5):293-7.

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

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