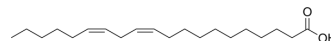


11(Z),14(Z)-Eicosadienoic acid

Cat. No.:	HY-149589
CAS No.:	5598-38-9
Molecular Formula:	C ₂₀ H ₃₆ O ₂
Molecular Weight:	309
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

11(Z),14(Z)-Eicosadienoic acid is a saturated fatty acid that inhibits [³H] leukotriene B₄ (LTB₄) binding to pig neutrophil membranes with a K_i of 3 μM. 11(Z),14(Z)-Eicosadienoic acid has inflammatory activities^{[1][2]}.

REFERENCES

- [1]. Carballeira NM, et al. Identification of naturally occurring trans, trans delta 5,9 fatty acids from the sponge Plakortis halichondroides. *Lipids*. 1990 Dec;25(12):835-40.
- [2]. Yagaloff KA, et al. Essential fatty acids are antagonists of the leukotriene B₄ 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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