Creative Enzymes®

Eicosatrienoic Acid (5Z,8Z,14Z)

Cat. No. CSUB-0798

Lot. No. (See product label)

Introduction

Description	Eicosatrienoic Acid (5Z,8Z,14Z) is a polyunsaturated fatty acid that is a substrate for 5-LO (5-lipoxygenase). 5-LO from RBL-1 cells converts this fatty acid to 5-hydroxy-6,8,14-eicosatrienoic acid and 5-hydroperoxy-6,8,14-eicosatrienoic acid. Since a double bond at C-11 is lacking, this particular fatty acid cannot be used in leukotriene A formation.
Applications	A polyunsaturated fatty acid that is a substrate for 5-lipoxygenase

Product Information

Form	Liquid
CAS No.	90105-02-5
Molecular Formula	C20H34O2
Molecular Weight	306.5
Solubility	Soluble in DMSO (~100 mg/ml), DMF (~100 mg/ml), and 0.1M Na2CO3 (~1.5 mg/ml).
Substrates	Kinase assay; ERK 2

Storage and Shipping Information

Storage	Store at -20° C