

## 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** C<sub>20</sub>H<sub>34</sub>O<sub>2</sub>

**Molecular Weight** 306.5

**Solubility** Soluble in DMSO (~100 mg/ml), DMF (~100 mg/ml), and 0.1M Na<sub>2</sub>CO<sub>3</sub> (~1.5 mg/ml).

**Substrates** Kinase assay; ERK 2

### Storage and Shipping Information

**Storage** Store at -20° C