

leukotriene-B4 20-monooxygenase

Cat. No. EXWM-0837

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Not identical with EC 1.14.13.34, leukotriene-E4 20-monooxygenase.

Synonyms

leukotriene-B4 20-hydroxylase; leucotriene-B4 ω -hydroxylase; LTB4 20-hydroxylase; LTB4 ω -hydroxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.30

CAS No.

90119-11-2

Reaction

$(6Z,8E,10E,14Z)-(5S,12R)-5,12\text{-dihydroxyicosa-6,8,10,14-tetraenoate} + \text{NADPH} + \text{H}^+ + \text{O}_2 = (6Z,8E,10E,14Z)-(5S,12R)-5,12,20\text{-trihydroxyicosa-6,8,10,14-tetraenoate} + \text{NADP}^+ + \text{H}_2\text{O}$

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.