Creative Enzymes®

linolenate 9R-lipoxygenase

Cat. No. EXWM-0581

Lot. No. (See product label)

Introduction

Description	In cyanobacteria the enzyme is involved in oxylipin biosynthesis. The enzyme also converts linoleate to (9R,10E,12Z)-9-hydroperoxyoctadeca-10,12-dienoate.
Synonyms	NspLOX; (9R)-LOX; linoleate 9R-dioxygenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.13.11.61
Reaction	α-linolenate + O2 = (9R,10E,12Z,15Z)-9-hydroperoxyoctadeca-10,12,15-trienoate
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.