Creative Enzymes®

all-trans-retinyl ester 13-cis isomerohydrolase

Cat. No. EXWM-3519

Lot. No. (See product label)

Introduction

Description	All-trans-retinyl esters, which are a storage form of vitamin A, are generated by the activity of EC 2.3.1.135, phosphatidylcholine-retinol O-acyltransferase (LRAT). They can be hydrolysed to 11-cis-retinol by EC 3.1.1.64, retinoid isomerohydrolase (RPE65), or to 13-cis-retinol by this enzyme.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.90
Reaction	an all-trans-retinyl ester + H2O = 13-cis-retinol + a fatty acid
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 ℃.