Creative Enzymes®

all-trans-retinol 13,14-reductase

Cat. No. EXWM-1425

Lot. No. (See product label)

Introduction

Description	The reaction is only known to occur in the opposite direction to that given above, with the enzyme being specific for all-trans-retinol as substrate. Neither all-trans-retinoic acid nor 9-cis, 11-cis or 13-cis-retinol isomers are substrates. May play a role in the metabolism of vitamin A.
Synonyms	retinol saturase; RetSat; (13,14)-all-trans-retinol saturase; all-trans-retinol:all-trans-13,14-dihydroretinol saturase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.99.23
CAS No.	879291-21-1
Reaction	all-trans-13,14-dihydroretinol + acceptor = all-trans-retinol + reduced acceptor
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 ℃.