Creative Enzymes®

# 2,4-dienoyl-CoA reductase (NADPH)

*Cat. No. EXWM-1307*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Best substrates for reduction contain a 2,4-diene structure with a chain-length of 8 or 10 |
| ***Synonyms*** | 4-enoyl-CoA reductase (NADPH2); 4-enoyl coenzyme A (reduced nicotinamide adenine dinucleotide phosphate) reductase; 4-enoyl-CoA reductase; 2,4-dienoyl-CoA reductase (NADPH2) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.3.1.34 |
| ***CAS No.*** | 82869-38-3 |
| ***Reaction*** | trans-2,3-didehydroacyl-CoA + NADP+ = trans,trans-2,3,4,5-tetradehydroacyl-CoA + NADPH + H+ |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |