Creative Enzymes®

acrylyl-CoA reductase (NADH)

Cat. No. EXWM-1365

Lot. No. (See product label)

Introduction

Description Contains FAD. The reaction is catalysed in the opposite direction to that shown. The enzyme from the bacterium Clostridium propionicum is a complex that includes an electron-transfer flavoprotein (ETF). The ETF is reduced by NADH and transfers the electrons to the active site. Catalyses a step in a pathway for L-alanine fermentation to propanoate. cf. EC 1.3.1.84, acrylyl-CoA reductase (NADPH).

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.3.1.95

Reaction propanoyl-CoA + NAD+ = acryloyl-CoA + NADH + 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

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