

2-methylacyl-CoA dehydrogenase

Cat. No. EXWM-1419

Lot. No. (See product label)

Introduction

Description

Also oxidizes 2-methylpropanoyl-CoA. Not identical with EC 1.3.8.1 (butyryl-CoA dehydrogenase), EC 1.3.8.7 (medium-chain acyl-CoA dehydrogenase), EC 1.3.8.8 (long-chain acyl-CoA dehydrogenase), EC 1.3.8.9 (very-long-chain acyl-CoA dehydrogenase) or EC 1.3.99.10 (isovaleryl-CoA dehydrogenase).

Synonyms

branched-chain acyl-CoA dehydrogenase; 2-methyl branched chain acyl-CoA dehydrogenase; 2-methylbutanoyl-CoA:(acceptor) oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.99.12

CAS No.

85130-32-1

Reaction

2-methylbutanoyl-CoA + acceptor = 2-methylbut-2-enoyl-CoA + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.