Creative Enzymes®

branched-chain-2-oxoacid decarboxylase

Cat. No. EXWM-4820

Lot. No. (See product label)

Introduction

Description	Acts on a number of 2-oxo acids, with a high affinity towards branched-chain substrates. The aldehyde formed may be enzyme-bound, and may be an intermediate in the bacterial system for the biosynthesis of branched-chain fatty acids.
Synonyms	branched-chain oxo acid decarboxylase; branched-chain α-keto acid decarboxylase; branched-chain keto acid decarboxylase; BCKA; (3S)-3-methyl-2-oxopentanoate carboxy-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.72
CAS No.	63653-19-0
Reaction	(3S)-3-methyl-2-oxopentanoate = 2-methylbutanal + CO2
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 ℃.