Creative Enzymes®

2,2-dialkylglycine decarboxylase (pyruvate)

Cat. No. EXWM-4811

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. Acts on 2-amino-2-methylpropanoate (i.e. 2-methylalanine), 2-amino-2-methylbutanoate and 1-aminocyclopentanecarboxylate.
Synonyms	dialkyl amino acid (pyruvate) decarboxylase; α-dialkyl amino acid transaminase; 2,2-dialkyl-2-amino acid-pyruvate aminotransferase; L-alanine-α-ketobutyrate aminotransferase; dialkylamino-acid decarboxylase (pyruvate); 2,2-dialkylglycine carboxy-lyase (amino-transferring)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.64
CAS No.	9032-17-1
Reaction	2,2-dialkylglycine + pyruvate = dialkyl ketone + CO2 + L-alanine
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 ℃.