Creative Enzymes®

ethylmalonyl-CoA decarboxylase

Cat. No. EXWM-4844

Lot. No. (See product label)

Introduction

Description	The enzyme, which exists in all vertebrates, decarboxylates ethylmalonyl-CoA, a potentially toxic compound that is formed in low amounts by the activity of EC 6.4.1.2 (acetyl-CoA carboxylase) and EC 6.4.1.3 (propanoyl-CoA carboxylase). It prefers the S isomer, and can decarboxylate (R)-methylmalonyl-CoA with lower efficiency. cf. EC 4.1.1.41 (methylmalonyl-CoA decarboxylase).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.94
Reaction	(S)-ethylmalonyl-CoA = butanoyl-CoA + 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 ℃.