Creative Enzymes®

trans-aconitate 2-methyltransferase

Cat. No. EXWM-1740

Lot. No. (See product label)

Introduction

Description	Also catalyses the formation of the methyl monoester of cis-aconitate, isocitrate and citrate, but more slowly. While the enzyme from Escherichia coli forms (E)-3-(methoxycarbonyl)-pent-2-enedioate as the product, that from Saccharomyces cerevisiae forms (E)-2-(methoxycarbonylmethyl)butenedioate and is therefore classified as a separate enzyme (cf. EC 2.1.1.145, trans-aconitate 3-methyltransferase).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.144
CAS No.	235107-12-7
Reaction	S-adenosyl-L-methionine + trans-aconitate = S-adenosyl-L-homocysteine + (E)-3-(methoxycarbonyl)pent-2-enedioate
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 ℃.