Creative Enzymes®

trans-aconitate 3-methyltransferase

Cat. No. EXWM-1741

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 Saccharomyces cerevisiae forms (E)-2-(methoxycarbonylmethyl)butenedioate as the product, that from Escherichia coli forms (E)-3-(methoxycarbonyl)-pent-2-enedioate and is therefore classified as a separate enzyme (cf. EC 2.1.1.144, trans-aconitate 2-methyltransferase)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.145
CAS No.	235107-12-7
Reaction	S-adenosyl-L-methionine + trans-aconitate = S-adenosyl-L-homocysteine + (E)-2-(methoxycarbonylmethyl)butenedioate
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 ℃.