

## 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.