

O-acetylhomoserine aminocarboxypropyltransferase

Cat. No. EXWM-2785

Lot. No. (See product label)

Introduction

Description

Also reacts with other thiols and H₂S, producing homocysteine or thioethers. The name methionine synthase is more commonly applied to EC 2.1.1.13, methionine synthase. The enzyme from baker's yeast also catalyses the reaction of EC 2.5.1.47 cysteine synthase, but more slowly.

Synonyms

O-acetyl-L-homoserine acetate-lyase (adding methanethiol); O-acetyl-L-homoserine sulfhydrolase; O-acetylhomoserine (thiol)-lyase; O-acetylhomoserine sulfhydrolase; methionine synthase (misleading)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.49

CAS No.

37290-90-7

Reaction

O-acetyl-L-homoserine + methanethiol = L-methionine + acetate

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.