Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.