Creative Enzymes®

formate C-acetyltransferase

Cat. No. EXWM-2234

Lot. No. (See product label)

Introduction

Description	In enzymology, formate C-acetyltransferase (pyruvate formate lyase, PFL) (EC 2.3.1.54) is an enzyme. Pyruvate formate lyase is found in Escherichia coli and other organisms. It helps regulate anaerobic glucose metabolism. Using radical non-redox chemistry, it catalyzes the reversible conversion of pyruvate and coenzyme-A into formate and acetyl-CoA.
Synonyms	pyruvate formate-lyase; pyruvic formate-lyase; formate acetyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.54
CAS No.	9068-08-0
Reaction	acetyl-CoA + formate = CoA + pyruvate
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 ℃.