

## tetrahydrodipicolinate N-acetyltransferase

Cat. No. EXWM-2270

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those acyltransferases transferring groups other than aminoacyl groups. This enzyme participates in lysine biosynthesis.

#### Synonyms

tetrahydrodipicolinate acetylase; tetrahydrodipicolinate:acetyl-CoA acetyltransferase; acetyl-CoA:L-2,3,4,5-tetrahydrodipicolinate N2-acetyltransferase; acetyl-CoA:(S)-2,3,4,5-tetrahydropyridine-2,6-dicarboxylate 2-N-acetyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.89

#### CAS No.

83588-91-4

#### Reaction

acetyl-CoA + (S)-2,3,4,5-tetrahydropyridine-2,6-dicarboxylate + H<sub>2</sub>O = CoA + L-2-acetamido-6-oxoheptanedioate

#### 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.