

## 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase

Cat. No. EXWM-2056

Lot. No. (See product label)

### Introduction

#### Description

Involved in the biosynthesis of lysine in bacteria (including cyanobacteria) and higher plants. The 1992 edition of the Enzyme List erroneously gave the name 2,3,4,5-tetrahydropyridine-2-carboxylate N-succinyltransferase to this enzyme.

#### Synonyms

tetrahydropicolinate succinylase; tetrahydrodipicolinate N-succinyltransferase; tetrahydrodipicolinate succinyltransferase; succinyl-CoA:tetrahydrodipicolinate N-succinyltransferase; succinyl-CoA:2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.117

#### CAS No.

88086-34-4

#### Reaction

succinyl-CoA + (S)-2,3,4,5-tetrahydropyridine-2,6-dicarboxylate + H<sub>2</sub>O = CoA + N-succinyl-L-2-amino-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.