

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 + H₂O = 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.