Creative Enzymes®

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