Creative Enzymes®

2-hydroxy-7-methoxy-5-methyl-1-naphthoate-CoA ligase

Cat. No. EXWM-5702

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Streptomyces carzinostaticus is involved in the attachment of the 2-hydroxy-7-methoxy-5-methyl-1-naphthoate moiety of the antibiotic neocarzinostatin. In vitro the enzyme also catalyses the activation of other 1-naphthoic acid analogues, e.g. 2-hydroxy-5-methyl-1-naphthoate or 2,7-dihydroxy-5-methyl-1-naphthoate.
Synonyms	NcsB2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.2.1.43
Reaction	ATP + 2-hydroxy-7-methoxy-5-methyl-1-naphthoate + CoA = AMP + diphosphate + 2-hydroxy-7-methoxy-5-methyl-1-naphthoyl-CoA
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 ℃.