

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 $\text{ATP} + 2\text{-hydroxy-7-methoxy-5-methyl-1-naphthoate} + \text{CoA} = \text{AMP} + \text{diphosphate} + 2\text{-hydroxy-7-methoxy-5-methyl-1-naphthoyl-CoA}$

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