Creative Enzymes®

(2,3-dihydroxybenzoyl)adenylate synthase

Cat. No. EXWM-3269

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is ATP:2,3-dihydroxybenzoate adenylyltransferase. This enzyme is also called 2,3-dihydroxybenzoate-AMP ligase. This enzyme participates in biosynthesis of siderophore group nonribosomal.
Synonyms	2,3-dihydroxybenzoate-AMP ligase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.58
CAS No.	122332-73-4
Reaction	ATP + 2,3-dihydroxybenzoate = diphosphate + (2,3-dihydroxybenzoyl)adenylate
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 ℃.