

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