

4-hydroxybenzoate-CoA ligase

Cat. No. EXWM-5685

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of ligases, specifically those forming carbon-sulfur bonds as acid-thiol ligases. This enzyme participates in benzoate degradation via coa ligation.

Synonyms 4-hydroxybenzoate-CoA synthetase; 4-hydroxybenzoate-coenzyme A ligase (AMP-forming); 4-hydroxybenzoyl coenzyme A synthetase; 4-hydroxybenzoyl-CoA ligase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.2.1.27

CAS No. 119699-80-8

Reaction $\text{ATP} + 4\text{-hydroxybenzoate} + \text{CoA} = \text{AMP} + \text{diphosphate} + 4\text{-hydroxybenzoyl-CoA}$

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.