

anthranilate-CoA ligase

Cat. No. EXWM-5690

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 3 metabolic pathways: carbazole degradation, benzoate degradation via coa ligation, and acridone alkaloid biosynthesis.

Synonyms anthraniloyl coenzyme A synthetase; 2-aminobenzoate-CoA ligase; 2-aminobenzoate-coenzyme A ligase; 2-aminobenzoate coenzyme A ligase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.2.1.32

CAS No. 112692-58-7

Reaction $\text{ATP} + \text{anthranilate} + \text{CoA} = \text{AMP} + \text{diphosphate} + \text{anthraniloyl-CoA}$

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.