

anthraniloyl-CoA monooxygenase

Cat. No. EXWM-0848

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). The non-aromatic product is unstable and releases CO₂ and NH₃, forming 1,4-cyclohexanedione.

Synonyms

anthraniloyl coenzyme A reductase; 2-aminobenzoyl-CoA monooxygenase/reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.40

CAS No.

112692-57-6

Reaction

anthraniloyl-CoA + 2 NAD(P)H + 2 H⁺ + O₂ = 2-amino-5-oxocyclohex-1-enecarboxyl-CoA + H₂O + 2 NAD(P)⁺

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.