Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.