Creative Enzymes®

thiophene-2-carbonyl-CoA monooxygenase

Cat. No. EXWM-1047

Lot. No. (See product label)

Introduction

Description	A molybdenum enzyme. Highly specific for thiophene-2-carbonyl-CoA. Tetrazolium salts can act as electron acceptors.
Synonyms	thiophene-2-carboxyl-CoA dehydrogenase; thiophene-2-carboxyl-CoA hydroxylase; thiophene-2-carboxyl-CoA monooxygenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.99.35
CAS No.	208540-44-7
Reaction	thiophene-2-carbonyl-CoA + AH2 + O2 = 5-hydroxythiophene-2-carbonyl-CoA + A + H2O
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 ℃.